

Curriculum Vitae



Alessandro Rizzi

Professore Ordinario SSD ING-INF/05 – Sistemi di Elaborazione delle Informazioni

Dipartimento di Informatica - Università degli Studi di Milano.
Via Celoria, 18 - 20133 Milano (MI)

alessandro.rizzi@unimi.it

ORCID ID 0000-0001-6240-4383

Fellowship e Awards

Settembre 2015, **Davies Medal** della Royal Photographic Society, “for significant contributions in the digital field of imaging science”.

Febbraio 2015, Society for Imaging Science and Technology (IS&T) **Fellow**.

Aprile 2012, Charles E. Ives **Journal Award**, best IS&T journal paper 2012, per Ø. Kolås, I. Farup, A. Rizzi, “Spatio-Temporal Retinex-Inspired Envelope with Stochastic Sampling: A Framework for Spatial Color Algorithms” *Journal of Imaging Science and Technology*, 55(4), 2011.

Attività didattica - Ruoli interni UniMi

2019 – oggi, membro del **consiglio di indirizzo** per APICE (Archivi della Parola, della Immagine e della Comunicazione Editoriale), Università degli Studi di Milano, <https://www.apice.unimi.it/>.

2015 – oggi, membro della **commissione per la didattica** per il corso di laurea di Scienze e Tecnologie per la Conservazione e la Diagnostica dei Beni Culturali.

2011 - oggi membro del **collegio di dottorato** in Informatica.

Ottobre 2016 – Settembre 2019, **presidente del Collegio Didattico** del Dipartimento di Informatica.

2012 - 2016, **referente** per i Corsi di Laurea in Comunicazione Digitale ed in Informatica per la Comunicazione Digitale, Dipartimento di Informatica.

A.A. 2003/04, **responsabile scientifico** dei corsi FSE dell'area multimedia, presso il Polo Didattico e di Ricerca di Crema.

A.A. 2002/03, **coordinatore scientifico** dei corsi FSE dell'area multimedia, presso il Polo Didattico e di Ricerca di Crema.

Attività didattica - Corsi Universitari

A.A. 2018/19 – oggi, **Metodologie e tecniche per il restauro cinematografico**, 6 CFU, complementare per la Laurea Magistrale in Scienze per la Conservazione e la Diagnostica dei Beni Culturali, Università degli Studi di Milano.

A.A. 201/18 – oggi, **Progetto Multimediale**, 9 CFU, fondamentale per la laurea triennale di Informatica per la Comunicazione Digitale, Università degli Studi di Milano.

A.A. 2015/16 – oggi, **Colorimetria e Gestione del Colore per i Beni Culturali**, 6 CFU, complementare per la Laurea Magistrale in Scienze per la Conservazione e la Diagnostica dei Beni Culturali, Università degli Studi di Milano.

A.A. 2020/21, **Conservazione dei supporti elettronici e digitali**, corso di "Conservazione e management del patrimonio audiovisivo", presso il Centro Sperimentale di Cinematografia.

A.A. 2010/11 – 2016/17, **Fondamenti di Imaging Digitale**, 6 CFU, complementare per la laurea triennale di Informatica per la Comunicazione Digitale e per la laurea magistrale di Informatica per la Comunicazione, Università degli Studi di Milano.

A.A. 2010/11 – 2015/16, **Interazione Uomo Macchina**, 6 CFU, fondamentale per la laurea triennale di Informatica per la Comunicazione Digitale, Università degli Studi di Milano.

A.A. 2011/12 – 2014/15, **Informatica Multimediale - Video**, 6 CFU, fondamentale per la laurea triennale di Informatica per la Comunicazione Digitale, Università degli Studi di Milano.

A.A. 2012/13, **Editoria Multimediale**, 6 CFU, complementare per la laurea triennale di Comunicazione Digitale, Università degli Studi di Milano.

A.A. 2006/07 – 2010/11, **Laboratorio di Multimedia 2**, 6 CFU, fondamentale per la laurea triennale di Comunicazione Digitale, Università degli Studi di Milano.

A.A. 2001/02 – 2010/11, **Interazione Uomo Macchina**, 5 CFU fondamentale per le lauree di Informatica e Tecnologie per la Società dell'Informazione, Polo didattico e di ricerca di Crema, Università degli Studi di Milano.

A.A. 2003/04 – 2007/08, **Editoria Multimediale**, 5 CFU fondamentale per la laurea di Informatica e per la laurea specialistica in Scienze e Tecnologie dell'Informazione, Polo didattico e di ricerca di Crema, Università degli Studi di Milano.

A.A. 2002/03, **Linguaggi di Programmazione**, 5 CFU fondamentale per la laurea di Informatica e per la laurea specialistica in Scienze e Tecnologie dell'Informazione, Polo didattico e di ricerca di Crema, Università degli Studi di Milano.

A.A. 2001/02, Professore supplente per **Laboratorio di Comunicazione Visiva I**, corso di laurea di Disegno Industriale presso il polo di Como del Politecnico di Milano.

A.A. 1999/2000, Modulo didattico di **Informatica Grafica**, corso di laurea di Disegno Industriale presso il polo di Como del Politecnico di Milano.

A.A. 1999/2000, Modulo didattico di **Disegno Industriale per la Comunicazione Visiva**, corso di laurea di Disegno Industriale presso il polo di Como del Politecnico di Milano.

A.A. 1998/99, Professore a contratto di **Informatica Grafica**, per il diploma universitario in Ingegneria Informatica presso la sezione di Como del Politecnico di Milano.

A.A. 1994/95 – 1995/96, Professore a contratto di **Sistemi Informativi**, corsi di laurea in Ingegneria Elettronica, Meccanica e Gestionale, Università di Brescia.

Progetti di ricerca con organismi governativi e accademici

| Ruolo | Finanziatore | Titolo/Tipologia progetto | Periodo | Budget (euro) |
|-----------------|---|---|---------------------|----------------------|
| Resp | Ministero della Difesa - bando CORISAMIL | Screening del daltonismo per profili operativi complessi: studio e analisi di nuove metodologie per tecniche di diagnostica alternative | 2022 - 2024 | 25k |
| Partner | EU H2020 - ERC | AN-ICON – An-Iconology: History, Theory, and Practices of Environmental Images”, H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC) | 2019 - 2021 | 2.329k |
| Partner | UniMi - bando SEED | CHROMA - chromatic properties of subaerial biofilms as potential indicators of stone heritage decay | 2019 - 2021 | 30k |
| Resp. | UniMi - bando PSR | Aspetti Umani nella Fruizione di Video, Immagini, e Grafica | 2019 | 9k |
| Resp. per UniMi | Regione Lombardia | SPACE – IoT Sistema di Produzione Adattiva per la Creazione e produzione interattiva, tailor-made, di serramenti ed arredi, integrato in una meta manifattura lombarda ad alta Efficienza e IoT | Gen 2017 Dic 2019 | 416k |
| Resp. | SIAE | Bando 3 Residenze artistiche e formazione, settore “Cinema” | Apr 2017 Dic 2017 | 56k |
| Resp. | Fondazione Bruno Kessler e Università degli Studi di Trento | Research in Pairs sul tema “Variational Models for Retinex Paths (VaMoS)” | Ott 2015 Mag 2016 | n.a. |
| Resp. | ENEA (Ente Nazionale Energie Alternative) | Indagine sulle variazioni locali dell'indice di resa cromatica e approcci per sue possibili modificazioni | Ott 2014 Set 2015 | 15k |
| Resp. | ENEA (Ente Nazionale Energie Alternative) | Analisi dell'influenza dei fattori contestuali sulla resa cromatica delle sorgenti di luce | Set 2013 Ago 2014 | 15k |
| Resp. | ENEA (Ente Nazionale Energie Alternative) | Metodi sperimentali per la quantificazione dell'indice di resa cromatica di una sorgente luminosa e studio di approcci computazionali alternativi di tipo percettivo | Set 2012 Ago 2013 | 15k |
| Resp. per UniMi | Regione Lombardia | Smart-k - ricerca industriale bando MIUR, ID 30223187 | Set 2012 Giu 2014 | 228k |
| Resp. | ENEA (Ente Nazionale Energie Alternative) | Metodi qualitativi e quantitativi per la determinazione dei parametri di qualità visiva relativi alla percezione di colore e contrasto nella scena | Ott 2011 - Set 2012 | 50k |
| Resp. | ENEA (Ente Nazionale Energie Alternative) | Aspetti fisiologici, percettivi e di misura della luminosità e del contrasto percepiti e sue relazioni con gli indici di resa cromatica e di efficienza di illuminazione | Ott 2010 - Set 2011 | 48k |
| Resp. per UniMi | FP6 European Community Marie Curie Conferences and Training Courses Project | Colour Research for European Advanced Technology Employment (CREATE), MSCF-CT-2006-045963 | 2007-2010 | 500k |
| Resp. per UniMi | COFIN 2007 | Modelli computazionali dei meccanismi di percezione visiva in contesti naturali ed artificiali | 2008-2010 | 36k |

| | | | | |
|-----------------|---------------------------|---|-------------|-------|
| Ric. | FP6 EU Integrated Project | Virtual Reality and Human Factors Applications for Improving Safety (VIRTHUALIS) | 2005-2009 | >400k |
| Resp. per UniMi | COFIN 2005 | Modelli computazionali avanzati della percezione visiva per la riproduzione di immagini multispettrali e spettrofotometriche ad alta dinamica | 2005-2007 | 44k |
| Ric. | COFIN 2002 | Modellizzazione psico-fisica e computazionale della percezione contestuale del colore | 2002 - 2004 | 45k |
| Ric. | MURST ex 40% | Interdata: tecniche e metodi per integrazione e analisi di informazioni da sorgenti multiple ed eterogenee | 1999 - 2000 | |

Progetti di ricerca con aziende

| Ruolo | Finanziatore | Titolo/Tipologia progetto | Periodo | Budget (euro) |
|-------|-------------------------------|--|----------------------|---------------|
| Resp. | Universal Beauty Products srl | colorimetria e controllo del colore nel beauty (prosecuzione) | 2022 | 6k |
| Resp. | Universal Beauty Products srl | colorimetria e controllo del colore nel beauty (prosecuzione) | 2020 | 6k |
| Resp. | Universal Beauty Products srl | colorimetria e controllo del colore nel beauty (prosecuzione) | 2019 | 2k |
| Resp. | Universal Beauty Products srl | colorimetria e controllo del colore nel beauty | 2018 | 6k |
| Resp. | INMM | Studio e analisi delle interfacce ottimali per la migliore usabilità in situazioni critiche, da parte dei professionisti del soccorso | 2016 | 20k |
| Resp. | Barco-Fimi | Improve visibility of images in surgical endoscopic video chain | Dic 2015 Dic 2016 | 45k |
| Resp. | INMM | Interfacce di una applicazione Mobile su piattaforma Android destinata ai professionisti dell'emergenza sul campo | 2014 | 24k |
| Resp. | Barco-Fimi | Perceptual aspects in 3D visualization and calibration for Stereoscopic Displays | Ago 2013 Nov 2014 | 26k |
| Resp. | Barco-Fimi | Evaluation of perceptual limits and characteristics in the visualization of high dynamic range images on high dynamic range displays | Lug 2013 Nov 2014 | 44k |
| Resp. | Grafiche Rekord | analisi e test del ridisegno del sito web di Grafiche Rekord secondo criteri di usabilità | 2013 | 3k |
| Resp. | TeraShop | “Metodi per il miglioramento della qualità e della facilità di gestione delle immagini digitali processate per i siti web” e “Metodi alternativi e innovativi di creazione e/o utilizzo di immagini digitali per i siti web” | 2012 | 30k |
| Resp. | BARCO N.V (Belgio) | Accordo quadro per ricerca commissionata su aspetti percettivi in metodi di visualizzazione avanzata per il medical imaging | 2012-2017 | n.a. |

Advisory Boards, ruoli di direzione, controllo e coordinamento

2015 – oggi, **responsabile scientifico del Laboratorio** “MIPS, Multimedia, Interaction, Perception and Social”, Dipartimento di Informatica.

2012 - oggi, membro del **consiglio di Presidenza** del Gruppo del Colore – Associazione Italiana Colore) <http://www.gruppodelcolore.it/>.

2021 - oggi **Co-Direttore Scientifico** del corso IFTS in "Tecnico del colore per l'Industria Cosmetica" con Poliestetico di Milano.

2020 - oggi **Co-Direttore Scientifico** del corso IFTS in "Multimedia Specialist for Web and Mobile Digital Communication" con Fondazione Clerici (Milano).

2016 - 2021 **Co-Direttore** del Master universitario di primo livello in Color Design & Technology, Politecnico di Milano e AIC Gruppo del Colore.

2018 - 2020 **External examiner** del Master of Science in Interactive Media, Faculty of Science, University of Cork (Ireland)

2014 - 2015 **Segretario Internazionale** della Divisione 8 (Imaging) della CIE (International Commission on Illumination).

2017 – 2018 **Direttore** del Corso di perfezionamento in Color correction e post-produzione per audiovisivi, bando SIAE Sillumina.

2012 - 2014 **Vice-Presidente** della IS&T, Society for Imaging Science and Technology.

2012-13 **Co-Direttore** del Master universitario di primo livello in Color Design & Technology, Università degli Studi di Milano e Politecnico di Milano.

2012 - 2015 **Vicecoordinatore nazionale** del Gruppo del Colore - Associazione Italiana Colore. <http://www.gruppodelcolore.it/>.

2012 - 2015, **responsabile scientifico del Laboratorio** “Perception, Human factors and Technologies” (PHT), Dipartimento di Informatica.

2007 - 2008, membro del **consiglio di Presidenza** della SIOF (Società Italiana di Ottica e Fotonica).

2005 - 2009 **Coordinatore nazionale** del Gruppo del Colore (SIOF).

2002 - 2010, **responsabile scientifico** del GIC Graphic, Imaging and Color research group, presso il Dipartimento di Tecnologie dell'Informazione, Università degli Studi di Milano.

Attività editoriale

2022 – oggi, **Senior Editor** di Color Research and Applications (Wiley).

2015 – oggi, **Associate Editor** di Journal of Electronic Imaging.

2015 – oggi, **Editorial Board**, di SCIRES-IT (SCientific RESearch and Information Technology).

2014 – oggi, **Associate Editor**, di cultura e Scienza del Colore – Color Culture and Science, ISSN: 2384-9568, DOI: 10.23738/CCSJ.00.

2012 – oggi, **Editorial Board**, di JAIC - Journal of the International Colour Association

2016 – 2022, **Topical Editor** per Applied Color Science di Journal of Optical Society of America A.

2014 – 2022, **Deputy Editor in chief**, di cultura e Scienza del Colore – Color Culture and Science, ISSN: 2384-9568, DOI: 10.23738/CCSJ.00.

2011 – 2016, **Associate Editor** di Optical Engineering.

2011 – 2014, **Editorial Board** di ISRN Machine Vision

2010 -2011, **Comitato editoriale e scientifico**, della rivista online Colour: Design & Creativity, della Society of Dyers and Colourists (SDC)

2002 – 2004, **Consiglio di redazione** della rivista *DDD Disegno e Design Digitale*, edita da Poli-Design (Politecnico di Milano).

General Chair e organizzazione conferenze

General chairman di "Color Imaging XXVIII: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, San Francisco (USA), 15-19 Gennaio 2023.

Regional chairman for Italy di ICDIP 2022 - 14th International Conference on Digital Image Processing, May 20-23 2022, Wuhan (China).

General chairman di "Color Imaging XXVII: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, online, Gennaio 2022.

General chairman di AIC2021 - 14th AIC Congress Milano 2021, August 30th– September 3rd 2020, Milano (Italy).

General chairman di "Color Imaging XXVI: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, online, Gennaio 2021.

General chairman di "Color Imaging XXV: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, San Francisco, California (USA), 26-30 Gennaio 2020.

General chairman di "Symposium on GeometryProcessing 2019", Milano (Italy), 8-10 July 2019.

General chairman di "Color Imaging XXIV: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, San Francisco, California (USA), 13-17 Gennaio 2019.

Organizzatore del workshop "Scientists improving their role in heritage conservation community", Università degli Studi di Milano, 4 Ottobre 2018.

General chairman di "Color Imaging XXIII: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, San Francisco, California (USA), Gennaio-Febbraio 2018.

General chairman di "Color Imaging XXII: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, San Francisco, California (USA), Febbraio 2017.

General chairman di "Color Imaging XXI: Displaying, Hardcopy, Processing and Applications" in IS&T Electronic Imaging, San Francisco, California (USA), Febbraio 2016.

General chairman di "Color Imaging XX: Displaying, Hardcopy, Processing and Applications" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), Febbraio 2015.

Co-organizzatore del workshop "From Image Processing to Visual Neuroscience through the Retinex Theory of Color", Color and Imaging Conference (CIC22), Boston (USA), 7 Novembre 2014.

General chairman di "Color Imaging XIX: Displaying, Hardcopy, Processing and Applications" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), Febbraio 2014.

Co-organizzatore del workshop "Chroma - giornata di studi sull'immagine a colori tra cinema e media", Università degli Studi di Firenze, plesso didattico di Santa Verdiana, 18 Settembre 2013.

General chairman di "Color Imaging XVIII: Displaying, Hardcopy, Processing and Applications" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), Febbraio 2013.

General chairman di "Color Imaging XVII: Displaying, Hardcopy, Processing and Applications" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), Gennaio 2012.

Organizzatore del workshop "HDR imaging and Spatial Color Algorithms", presso il Norwegian Color Research Laboratory presso la HiG (Gjøvik University College), 23 Giugno 2011.

General chairman di "Color Imaging XVI: Displaying, Hardcopy, Processing and Applications" in SPIE/IS&T Electronic Imaging, San Francisco, California (USA), Gennaio 2011.

Organizzatore del workshop "Investigating visual issues in image processing using EEG", presso il Norwegian Color Research Laboratory presso la HiG (Gjøvik University College), 26 Novembre 2010.

Colour Science chair, di CGIV2010/MCS'10 the Fifth European Conference on Colour in Graphics, Imaging, and Vision and the 12th International Symposium on Multispectral Colour Science 14-18 Giugno, 2010 a Joensuu, Finlandia.

General chairman di "Color Imaging XV: Displaying, Hardcopy, Processing and Applications" in SPIE/IS&T Electronic Imaging, S. Jose, California (USA), Gennaio 2010.

Organizzatore del workshop "Innovative approaches for colour digital movie restoration", at the Norwegian Color Research Laboratory presso la HiG (Gjøvik University College), 1 Dicembre 2009.

General chairman della "Quinta Conferenza nazionale del Gruppo del Colore" (SIOF), 7-9 Ottobre 2009, Palermo.

General chairman del Gjøvik Color Imaging Symposium 2009, 19 Giugno. Tema dell'anno: "Putting human vision into image processing and evaluation".

General chairman di "Color Imaging XIV: Displaying, Hardcopy, Processing and Applications" in SPIE/IS&T Electronic Imaging, S. Jose, California (USA), Gennaio 2009.

Organizzatore del workshop "Dynamic range of light, contrast and perception in digital images", Norwegian Color Research Laboratory presso la HiG (Gjøvik University College), 26 Novembre, 2008.

General chairman della "Quarta Conferenza nazionale del Gruppo del Colore" (SIOF), 17-19 Settembre 2008, Como.

Organizzatore del workshop "Vision, Imaging and Eye Movements", Norwegian Color Research Laboratory presso la HiG (Gjøvik University College), 30 Aprile 2008.

General chairman della "Terza Conferenza nazionale del Gruppo del Colore" (SIOF), 24-26 Ottobre 2007, Torino.

General chairman della Seconda Conferenza nazionale del Gruppo del Colore (SIOF), Milano, 20-22 Settembre 2006.

General chairman della Prima Conferenza nazionale del Gruppo del Colore (SIOF), Pescara, 20-21 Ottobre 2005.

Deputy general chairman del workshop internazionale EUROBOT '97, Second Euromicro Workshop on Advanced Mobile Robots, Brescia, Ottobre 1997.

Program Chairs e Comitati Scientifici

PATTERNS 2023 (The Fifteenth International Conference on Pervasive Patterns and Applications) 26-30 June 2022, Nice, Saint-Laurent-du-Var, (France).

SCICULT 2022 (Workshop - Le scienze nei beni culturali) 19-20 Settembre 2022, Milano (Italy).

PATTERNS 2022 (The Fourteenth International Conference on Pervasive Patterns and Applications) 24-28 April 2022, Barcelona (Spain).

ISPA 2021 (12th International Symposium on Image and Signal Processing and Analysis) 13-15 September 2021, Zagreb (Croatia).

PATTERNS 2021 (The Thirteenth International Conference on Pervasive Patterns and Applications) 18-22 April 2021, Porto (Portugal).

MOI2QDN - Workshop on Metrification and Optimization of Input Image Quality in Deep Networks, part of ICPR2020 (25th International Conference on Pattern Recognition) 11 January 2021, Milano (Italy).

EUVIP 2020 (The Ninth Workshop on Visual Information Processing) 14-17 December 2020, Paris (France).

CVCS 2020 (The Tenth Colour and Visual Computing Symposium) 16-17 September 2020, Gjøvik (Norway).

MHCI'20 (7th International Conference on Multimedia and Human-Computer Interaction) 13-15 August 2020, scheduled in Prague (Czech Republic) gone virtual.

PATTERNS 2020 (The Twelfth International Conference on Pervasive Patterns and Applications) 26-30 April 2020, Nice (France).

ICISP2020 (9th International Conference on Image and Signal Processing), June 4-6, 2020, Marrakech, Morocco

PATTERNS 2019 (The Eleventh International Conference on Pervasive Patterns and Applications) 5-9 May 2019, Venice (Italy).

ICIP2018 (IEEE International Conference on Image Processing) Color and HDR Area chair, October 7-10, Athens (Greece).

ICISP 2018 (International Conference on Image and Signal Processing) 2-4 July 2018, Cherbourg, France.

ICCCS 2018, 3rd International Conference on Computer and Communication Systems 27-30 April 2018, Nagoya (Japan)

PATTERNS 2018 (The Tenth International Conference on Pervasive Patterns and Applications) 18-22 February 2018, Barcelona (Spain).

CPCV2017, 6th Color and Photometry in Computer Vision Workshop, in congiunzione con ICCV 2017, Venezia, Italia, 22 Ottobre, 2017.

ISPA 2017 (10th International Symposium on Image and Signal Processing and Analysis) 18-20th September 2017, Ljubljana, Slovenia.

ICCCS 2017, 2nd International Conference on Computer and Communication Systems 11-13 July 2017, Krakow (Poland)

CCIW'17 – Computational Color Imaging Workshop 29-31 Marzo 2017, Milano (Italy)

VISAPP 2017 (International Conference on Computer Vision Theory and Applications), 27 Febbraio – 1 Marzo 2017, Porto (Portogallo)

PHOTOPTICS 2017 (Fifth International Conference on Photonics, Optics and Laser Technology) 27 Febbraio – 1 Marzo 2017, Porto (Portogallo).

PATTERNS 2017 (The Ninth International Conference on Pervasive Patterns and Applications) 19-23 Febbraio 2017, Atene.

ICACTE 2016 (9th International Conference on Advanced Computer Theory and Engineering) August 19-21 2016, Hong Kong.

CGVCVIP 2016 (10th International Conference on Computer Graphics, Visualization, Computer Vision and Image Processing 2015) Funchal, Madeira (Portugal), 2-4 July 2016.

ICISP 2016 (International Conference on Image and Signal Processing) 30 May – 1 June 2016, Trois-Rivières, Canada.

INFOCOMP 2016 (The Sixth International Conference on Advanced Communications and Computation) 22-26 Maggio 2016, Valencia, Spain.

BUSTECH 2016 (The Sixth International Conference on Business Intelligence and Technology) 20-24 Marzo 2016, Roma.

PATTERNS 2016 (The Eighth International Conference on Pervasive Patterns and Applications) 20-24 Marzo 2016, Roma.

PHOTOPTICS 2016 (Fourth International Conference on Photonics, Optics and Laser Technology) 27-29 Febbraio 2016, Roma.

VISAPP 2016 (International Conference on Computer Vision Theory and Applications), 27-29 Febbraio 2016, Roma.

CPCV2015, 5th Color and Photometry in Computer Vision Workshop, in congiunzione con ICCV 2015, Santiago, Cile, 11 Dicembre, 2015.

CGVCVIP 2015 (9th International Conference on Computer Graphics, Visualization, Computer Vision and Image Processing 2015) Las Palmas de Gran Canaria (Spagna), 22-24 Luglio 2014.

INFOCOMP 2015 (The Fifth International Conference on Advanced Communications and Computation) 21-26 Giugno 2015, Brussels, Belgium.

AIC2015 (AIC Midterm Meeting) 19-22 Maggio 2015, Tokio, Japan.

MCS2015 (16th International Symposium on Multispectral Color Science) 21 Maggio 2015, Tokio, Japan.

PATTERNS 2015 (The Seventh International Conference on Pervasive Patterns and Applications) 23-28 March 2015, Nice, France.

BUSTECH 2015 (The Fifth International Conference on Business Intelligence and Technology) 22-27 March 2015, Nice, France.

PHOTOPTICS 2015 (International Conference on Photonics, Optics and Laser Technology) Berlin (Germany), 13-15 Marzo 2015.

VISAPP 2015 (International Conference on Computer Vision Theory and Applications) Berlin (Germany), 11-14 Marzo 2015.

CPCV 2014 (The Fourth Color and Photometry in Computer Vision Workshop), part od ECCV (European Conference on Computer Vision) 12 Settembre 2014, Zurich, Switzerland.

INFOCOMP 2014 (The Fourth International Conference on Advanced Communications and Computation) 20-24 Luglio 2014, Paris, France.

CGVCVIP 2014 (8th International Conference on Computer Graphics, Visualization, Computer Vision and Image Processing 2014) Lisbon (Portugal), 17-19 Luglio 2014.

PATTERNS 2014 (The Sixth International Conference on Pervasive Patterns and Applications) 25-29 Maggio 2014, Venice, Italy.

BUSTECH 2014 (The Fourth International Conference on Business Intelligence and Technology) 25-29 Maggio 2014, Venice, Italy.

VISAPP 2014 (International Conference on Computer Vision Theory and Applications) Lisbona (Portogallo), 5-8 Gennaio 2014.

PHOTOPTICS 2014 (International Conference on Photonics, Optics and Laser Technology) Lisbona (Portogallo), 7-9 Gennaio 2014.

CPCV'13, IEEE Color and Photometry in Computer Vision, parte di ICCV 2013, Sydney, 8 Dicembre 2013.

CETC 2013 (Conference on Electronics Communication and Computers) Lisbona (Portogallo), 5-6 Dicembre 2013.

ECMR'13 (&th European Conference on Mobile Robots) Barcelona (Spagna), 25-27 Settembre 2013.

Nona Conferenza del Colore, Firenze, 19-20 settembre 2013.

CGVCVIP 2013 (Computer Graphics, Visualization, Computer Vision and Image Processing), IADIS, 22 – 24 July, Prague, Czech Republic, 2013.

ICCCEG 2013 (International Conference on Cloud Computing and eGovernance), Dubai, UAE, 19 -21 June, 2013

PATTERNS 2013 (The Fifth International Conference on Pervasive Patterns and Applications) 27 May - 1 June 2013, Valencia, Spain.

BUSTECH 2013 (The Third International Conference on Business Intelligence and Technology) 27 May - 1 June 2013, Valencia, Spain.

12th International AIC Congress, AIC2013, 8-13 Luglio 2013, Sage, Gateshead, UK.

VISAPP 2013 (International Conference on Computer Vision Theory and Applications) Barcelona (Spagna), 21-24 Febbraio 2013.

PHOTOPTICS 2013 (International Conference on Photonics, Optics and Laser Technology) Barcelona (Spagna), 20-21 Febbraio 2013.

CPCV'12, 4th Workshop on Color and Photometry in Computer Vision, parte di ECCV 2012, Firenze, 12-13 Ottobre 2012.

CDCH2012 Creative Design for Interdisciplinary Projects in Cultural Heritage, September 30, 2012 -- Innsbruck, Austria, Workshop parte di VL/HCC 2012

Ottava Conferenza del Colore, Bologna, 13-14 settembre 2012.

CGVCVIP 2012, Computer Graphics, Visualization, Computer Vision and Image Processing 2012, Lisbona, Portogallo, 21-23 Luglio 2012.

IEEE DEST-CEE, 6th IEEE International Conference on Digital Ecosystem Technologies – Complex Environment Engineering, Campione d'Italia, 18-20 Giugno 2012.

CGIV2012 the Sixth European Conference on Colour in Graphics, Imaging, and Vision, 6-9 Maggio, 2012, Amsterdam, Olanda.

VISAPP 2012 (International Conference on Computer Vision Theory and Applications) Roma, 24-26 Febbraio 2012.

ICCA 2012 ("Second International Conference on Computer Applications - 2012") Pondicherry, India, 27-31 Gennaio 2012.

CPCV 2011, IEEE Color and Photometry in Computer Vision Workshop, parte di ICCV 2011, Barcelona, Spagna, 12 Novembre 2011.

Settima Conferenza nazionale del Gruppo del Colore (SIOF), Roma, 15-16 settembre 2011.

Sesta edizione del Gjøvik Color Imaging Symposium (GCIS 2011), special session del 2nd International Conference on Pervasive Computing, Signal Processing and Applications (PCSPA 2011), 5-9 Settembre, 2011 al Gjøvik University College, Norvegia.

IMAGAPP 2011 (International Conference on Imaging Theory and Applications) Algarve, Portugal, 5-7 Marzo 2011.

Sesta Conferenza nazionale del Gruppo del Colore (SIOF), Lecce, 16-17 settembre 2010.

International Workshop on Color and Reflectance in Imaging and Computer Vision (CRICV 2010), Crete, Greece, 10 Settembre 2010, parte di ECCV 2010.

CGIV2010/MCS'10 the Fifth European Conference on Colour in Graphics, Imaging, and Vision and the 12th International Symposium on Multispectral Colour Science 14-18 Giugno, 2010 a Joensuu, Finlandia.

sezione di Information Technology for Cultural Heritage della conferenza 7th International Conference on Informatics and Systems, 28-30 Marzo 2010, Cairo, Egitto.

IEEE International Workshop on Color and Reflectance in Imaging and Computer Vision (CRICV 2009), Kyoto, Giappone, 4 ottobre 2009, parte di ICCV 2009

Workshop "Marketing e Colore" organizzato dalla AISIM (Associazione Italiana Marketing), Comitato Provinciale per l'Istruzione Professionale Grafica di Milano e Unione Industriali Grafici Cartotecnici Trasformatori Carta e Affini della Provincia di Milano, 15 Aprile 2008, Milano

"Color Imaging XIII: Processing, Hardcopy, and Applications" parte di SPIE/IS&T Electronic Imaging, 2008.

"Colore e arte, storia e tecnologia del colore nei secoli", organizzata da CNR-IFAC, CNR-ICVBC, OPD, SIOF, Firenze 28 febbraio – 2 marzo 2007.

"Color Imaging XII: Processing, Hardcopy, and Applications" parte di SPIE/IS&T Electronic Imaging, 2007.

"Color Imaging XI: Processing, Hardcopy, and Applications" parte di SPIE/IS&T Electronic Imaging, 2006.

"Color Imaging X: Processing, Hardcopy, and Applications" parte di SPIE/IS&T Electronic Imaging, 2005.

"Color Imaging IX: Processing, Hardcopy, and Applications" parte di SPIE/IS&T Electronic Imaging, 2004.

Comitati scientifici, tecnici, di ricerca

2021 – 2022 membro del **Comitato Tecnico** TC08/18 (Guidelines for definition and evaluation of high dynamic range images and image sequences).

2013 – oggi membro del **Comitato Tecnico** TC08/12 (Image and Video Compression Assessment) della CIE (International Commission on Illumination).

2010 - oggi membro dello **Scientific advisory board** della TASCII (Colour&Imaging Institute, Art&Science Research Centre, Tsinghua University, Cina) – www.tascii.org.

Febbraio 2011 membro dello **Scientific Advisory Board** del progetto europeo CHIRON (Cyclic and person-centric Health management : Integrated appRoach for hOme, mobile and clinical eNvironments) – ARTEMIS 2009.

Aprile 2008 membro della **commissione tecnica** operante presso la Stazione Sperimentale per le Industrie degli Oli e Grassi di Milano, nella Sottocommissione Colori e Vernici.

Giugno 2008, responsabile della **sottocommissione tecnica** “Colore: percezione e misura” della commissione “Luce e illuminazione” dell’UNI (Ente Nazionale Italiano di Unificazione).

2007 - 2011, membro del **Comitato Tecnico** “TC8-08: spatial appearance modeling and HDR rendering” della CIE (Commission internationale de l'éclairage).

AA 2007-08 membro del **comitato scientifico** del Master in Televisione Digitale Interattiva – III Edizione, Università degli Studi di Milano.

2005 - oggi membro del **comitato scientifico** del Gruppo del Colore

2004 membro del **comitato scientifico** dell’AIIE, Associazione Italiana di Informatica Etica.

Lavori scientifici pubblicati

Libri

-
- [B4] J.J. McCann; V. Vonikakis; A. Rizzi, "HDR Scene Capture and Appearance", SPIE Spotlight Series, Volume: SL35, Pages: 92, December 2017, ISBN: 9781510618541.
 - [B3] S. Rasheed, D. Marini, A. Rizzi, "Recognition of Colors in EEG. Planning Towards Brain Computer Interfaces", Lambert Academic Publishing, ISBN: 978-3-8484-2617-1, pp. 248, (2012).
 - [B2] J.J. McCann, A. Rizzi, "The Art and Science of HDR Imaging", John Wiley, ISBN: 978-0-470-66622-7, pp. XXV+389, (2011).
 - [B1] D. Marini, M. Bertolo, A. Rizzi, "Comunicazione Visiva Digitale: fondamenti di eidomatica", Addison Wesley, Milano, pp. XXIII+568, 2002, ISBN 8871921224.

Libri, special issues e session curati

-
- [ED33] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2023).
 - [ED32] A. Plutino, A. Rizzi, G. Simone, "Color Design & Technology A Multidisciplinary Approach to Colour Part 3", Research Culture and Science Books, DOI: <https://doi.org/10.23738/RCASB.004> (2022).
 - [ED31] A. Plutino, A. Rizzi, G. Simone, "Color Design & Technology A Multidisciplinary Approach to Colour Part 1", Research Culture and Science Books, DOI: <https://doi.org/10.23738/RCASB.005> (2022).
 - [ED30] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXVII: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2022).
 - [ED29] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXVI: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2021).
 - [ED28] A. Plutino, A. Rizzi, G. Simone, "Color Design & Technology A Multidisciplinary Approach to Colour Part 2", Research Culture and Science Books, DOI: <https://doi.org/10.23738/RCASB.002> (2021).
 - [ED27] A. Rizzi, S. Westland, special Issue "Challenges and Open Problems in Colorimetry", Coloration Technology, Wiley (2021).
 - [ED26] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXV: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2020).
 - [ED25] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXIV: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2019).
 - [ED24] A. Rizzi, M. Lecca, G. Simone, N. Banic, special Issue "Image Enhancement, Modeling and Visualization", Journal of Imaging (2018) ISSN 2313-433X.
 - [ED23] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXIII: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2018).
 - [ED22] J.J. McCann, T. van den Berg, E. Peli, A. Rizzi, V. Vonikakis, special research topic on "Optical Veiling Glare and Neural Processing: Spatial Partners in Vision", Frontiers in Psychology 2017.
 - [ED21] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXII: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2017), ISSN 2470-1173 (Print).
 - [ED20] S. Daly, R. Mantlik, J.J. McCann, A. Rizzi, special session on High Dynamic Range, ICIP 2016, September 25-28, Phoenix (USA).
 - [ED19] A. Rizzi, J.J. McCann, M. Bertalmio, G. Gianini, special section on Retinex at 50, Journal of Electronic Imaging (2016).

- [ED18] A. Rizzi, special issue of the XI conference of the Italian Colour Group, Journal of the AIC, Volume 16 (2016).
- [ED17] R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXI: Displaying, Processing, Hardcopy, and Applications Proceedings", (IS&T, Springfield, VA, 2016) pag. 304-365.
- [ED16] R. Eschbach, G. Marcu, A. Rizzi, Volume 9395, proceedings of SPIE "Color Imaging XX: Displaying, Processing, Hardcopy, and Applications", February 2015.
- [ED15] A. Rizzi, M. Rossi, special issue of the IX conference of the Italian Colour Group, Journal of the AIC, Vol. 13 (2014).
- [ED14] R. Eschbach, G. Marcu, A. Rizzi, Volume 9015, proceedings of SPIE "Color Imaging XIX: Displaying, Processing, Hardcopy, and Applications", February 2014.
- [ED13] R. Eschbach, G. Marcu, A. Rizzi, Volume 8652, proceedings of SPIE "Color Imaging XVIII: Displaying, Processing, Hardcopy, and Applications", February 2013.
- [ED12] R. Eschbach, G. Marcu, A. Rizzi, Volume 8292, proceedings of SPIE "Color Imaging XVII: Displaying, Processing, Hardcopy, and Applications", Gennaio 2012.
- [ED11] A. Rizzi, M. Rossi, special issue of the VI conference of the Italian Colour Group, Journal of the AIC, Vol. 8 (2012).
- [ED10] R. Eschbach, G. Marcu, A. Rizzi, Volume 7866, proceedings of SPIE "Color Imaging XVI: Displaying, Processing, Hardcopy, and Applications", Gennaio 2011.
- [ED9] Jon Hardeberg, A. Rizzi, special session "Gjøvik Colour Imaging Symposium", Journal of Imaging Science and Technology, Vol. 54, 2010.
- [ED8] R. Eschbach, G. Marcu, S. Tominaga, A. Rizzi, Volume 7528, proceedings of SPIE "Color Imaging XV: Displaying, Processing, Hardcopy, and Applications", Gennaio 2010.
- [ED7] F. Prestileo, A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. V", nella collana *Quaderni di Ottica e Fotonica*, Num. 18, edizioni SIOF, 2009.
- [ED6] R. Eschbach, G. Marcu, S. Tominaga, A. Rizzi, Volume 7241, proceedings of SPIE "Color Imaging XIV: Displaying, Processing, Hardcopy, and Applications", Gennaio 2009.
- [ED5] C. Parraman, A. Rizzi ed., "New Directions in Colour: From Science to Art" di Colour: Design & Creativity, online journal from the Society of Dyers and Colourists (SDC), Ottobre 2008.
- [ED4] A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. IV", nella collana *Quaderni di Ottica e Fotonica*, Num. 17, edizioni SIOF, 2008.
- [ED3] A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. III", nella collana *Quaderni di Ottica e Fotonica*, Num. 16, edizioni SIOF, 2007.
- [ED2] A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. II", nella collana *Quaderni di Ottica e Fotonica*, Num. 14, edizioni SIOF, 2006.
- [ED1] A. Rizzi, M Bisson ed., "ColoRevolution", *DDD Disegno e Design Digitale*, Num. 6, apr/giu 2003, ed. Poli-Design (Politecnico di Milano).

Articoli su riviste internazionali

- [IP102] S. Micheletti, G. Vivanti, S. Renzetti, M.P. Lanaro, P. Martelli, S. Calza, P. Accorsi, S. Agostini, A. Alessandrini, N. D'Adda, L. Ferrari, V. Foresti, J. Galli, L. Giordano, M. Marras, A. Rizzi, E. Fazzi, "Social attention and social-emotional modulation of attention in Angelman syndrome: an eye-tracking study", **Nature Scientific Reports**, Vol. 13, N. 1, p. 3375, 2023.
- [IP101] B. Sarti, A. Plutino, A. Rizzi, "HyperspectrACE: a human vision inspired hyperspectral color and contrast adjustment", **Journal of Imaging Science and Technology**, Vol. 67, N.1, 2023.
- [IP100] B. Sarti, A. Plutino, A. Crespi, G. Morabito, A. Rizzi, "FiRe2: an online database for photographic and cinematographic film technical data", **ACM Journal on Computing and Cultural Heritage**, Vol. 16, N. 1, pp. 1-12, 2022.

- [IP99] A. Cattaneo, B. Sarti, A. Plutino, A. Rizzi, "On the identification of colour photographic processes", **Heritage**, V. 5, pp. 4074-4088, 2022, DOI <https://doi.org/10.3390/heritage5040210>.
- [IP98] G. Simone, M. Lecca, G. Gianini, A. Rizzi, "A Survey of Methods and Evaluation of Retinex-inspired Image Enhancers", **Journal of Electronic Imaging**, Vol. 31, Issue 06, 063055, (December 2022) <https://doi.org/10.1117/1.JEI.31.6.063055>.
- [IP97] J.J. McCann, V. Vonikakis, A. Rizzi, "Edges and Gradients in Lightness Illusions: Role of Optical Veiling Gare", **Frontiers in Psychology**, 5:5. (2022) DOI: 10.3389/fpsyg.2022.958787.
- [IP96] A. Rizzi, A. Plutino, D. Vecchi, A.G. Guadagno, M. Lucertini "Dynamic Range of Luminance Perception in Acute Hypobaric Hypoxia", **High Altitude Medicine and Biology**, Vol. 23, N. 4, pp. 313-318, (2022).
- [IP95] S. Liberini, A. Rizzi, "Munsell and Ostwald Colour Spaces: a Comparison in the Field of Hair Colouring", to be published on **Color Research and Application**, (2022).
- [IP94] A. Zerboni, F. Villa, Y. Wu, T. Solomon, A. Trentini, A. Rizzi, F. Cappitelli, M. Gallinaro "The sustainability of rock art: preservation and research", **Sustainability**, Vol. 14, N. 10, P. 6305, 2022.
- [IP93] A. Plutino, B. Sarti, L. Armellin, A. Rizzi, "A Computational Model of Human Colour Vision for Film Restoration" **Gestalt Theory**, vol.44, no.1-2, 2022, pp.175-182. <https://doi.org/10.2478/gth-2022-0005>.
- [IP92] A. Plutino, B. Sarti, G. Simone, A. Rizzi, "Movie barcode as support for video analysis and film restoration", **Scires - It**, Vol.11 Issue 2, pp. 33-40, 2021.
- [IP91] S. Scipioni, C.A. Lombardi, L. Giuliani, A. Mazzoni, R. Marcucci, A. Plutino, A. Rizzi, "A test on color discrimination in complex scenes for a better comprehension of color blindness", **Cultura e scienza del colore – Color culture and science**, Vol. 13 No. 02 (2021).
- [IP90] A. Plutino, B. Barricelli, E. Casiraghi, A. Rizzi, "A Scoping Review on Automatic Color Equalization Algorithm", **Journal of Electronic Imaging**, 30.2 (2021): 020901.
- [IP89] L.A. Ludovico, G. Presti, A. Rizzi, "Audio Dynamics Automatic Equalization Inspired by Visual Perception", **Multimedia Tools and Applications**, 80.8 (2021): 11903-11915.
- [IP88] G. Simone, M. Gaiani, A. Ballabeni, A. Rizzi, "Complex process of image color correction: a test of a target-based framework", **Journal of the Optical Society of America A**, Vol. 38, Issue 5, pp. 663-674 (2021) <https://doi.org/10.1364/JOSAA.414536>.
- [IP87] M. Cereda, A. Rizzi, A. Plutino, "Quick Gamut mapping for simplified color correction", **Cultura e scienza del colore – Color culture and science**, Vol. 13, N. 1, pp. 79-84, 2021.
- [IP86] M. Lecca, A. Rizzi, R.P. Serapioni, "An Image Contrast Measure based on Retinex Principles", **IEEE Transaction on Image Processing**, 30 (2021): 3543-3554, DOI 10.1109/TIP.2021.3062724, 2021.
- [IP85] A. Rizzi, "Colour after Colorimetry", **Coloration Technology**, Vol.137 Issue 1, pp. 22-28, 2021.
- [IP84] A. Plutino, A. Rizzi, "Research directions in color movie restoration", **Coloration Technology**, Vol.137 Issue 1, pp. 78-82, 2021.
- [IP83] B. Barricelli, E. Casiraghi, A. Dattolo, A. Rizzi, "15 Years of Stanca Act: Are Italian Public Universities Websites Accessible?" **Universal Access in the Information Society**, 20.1 (2021): 185-200.
- [IP82] B. Barricelli, E. Casiraghi, M. Lecca, A. Plutino, A. Rizzi, "A cockpit of multiple measures for assessing film restoration quality", **Pattern Recognition Letters**, 131, 178-184, (2020).
- [IP81] A. Signoroni, M. Conte, A. Plutino, A. Rizzi, "Spatial-Spectral Evidence of Glare Influence on Hyperspectral Acquisitions", **Sensors**, 20(16), 4374 (2020).
- [IP80] E. Casiraghi, D. Malchiodi, G. Trucco, M. Frasca, L. Cappelletti, T. Fontana, A. A. Esposito, E. Avola, A. Jachetti, J. Reese, A. Rizzi, P. N. Robinson, G. Valentini, "Explainable Machine Learning for Early Assessment of COVID-19 Risk Prediction

- in Emergency Departments," **IEEE Access**, vol. 8, pp. 196299-196325, 2020, doi: 10.1109/ACCESS.2020.3034032.
- [IP79] P. Paglierani, S. Liberini, A. Rizzi, F. Valan, "Graphical interpolation of Munsell data", **Cultura e scienza del colore – Color culture and science**, 12(02), 21-30, 2020.
- [IP78] M. Lanaro, H. Perrier, D. Coeurjolly, V. Ostromoukhov, A. Rizzi, "Blue-noise sampling for human retinal cone spatial distribution modeling", **Journal of Physics Communications**, 4(3), 035013 (2019).
- [IP77] S. De Meo, A. Plutino, A. Rizzi, "Assessing color of gemstones", **Color Research and Application**, 45(2), 224-234, (2020).
- [IP76] S. Liberini, A. Avolio, S.T. Yankowski, A. Rizzi, "Consistency Issues in Hair Spectral Reflectance and Color Measurement", **Coloration Technology**, Vol. 136, pp.244-254, (2020), DOI: 10.1111/cote.12455.
- [IP75] Plutino A., Lanaro M. P., Liberini S. and Rizzi A., "Work Memories in Super 8: searching a frame quality metric for movie restoration assessment", **Journal of Cultural Heritage**, 41 (2020): 238-248.
- [IP74] M. Tanaka, M.P. Lanaro, T. Horiuchi, A. Rizzi, "Random Spray Retinex Extensions Considering Region of Interest and Eye Movements" **Journal of Imaging Science and Technology**, 63.6 (2019): 60403-1.
DOI: <https://doi.org/10.2352/J.ImagingSci.Technol.2019.63.6.060403>.
- [IP73] B.R. Barricelli, E. Casiraghi, J. Gliozzo, V. Huber, B. E. Leone, A. Rizzi, B. Vergani, "Ki67 nuclei detection and Ki67 index estimation: a novel automatic approach based on human vision modeling", **BMC Bioinformatics**, 20.1 (2019): 1-14.
- [IP72] G. Gianini, C. Bonanomi, C. Mio, M. Anisetti, A. Rizzi, "Glare-removal as an ill-conditioned problem" **Journal of Electronic Imaging**, 28(6), 063014 (2019). <https://doi.org/10.1117/1.JEI.28.6.063014>.
- [IP71] L. Grechi, A. Plutino, A. Rizzi, "Evaluation of the perceived colour difference under different lighting for museum applications", **Cultura e scienza del colore – Color culture and science**, Volume 11, Issue 02 (2019).
- [IP70] M. Rossi, A. Rizzi, C. Bonanomi, A. Siniscalco, "Color: an experiential path between theory and practice", **Journal of the International Colour Association**, Vol 22, pp. 34-40 (2018).
- [IP69] A. Rizzi, B. Barricelli, C. Bonanomi, L. Albani, G. Gianini, "Visual Glare Limits in High Dynamic Range Displays for Medical Imaging", **IET Image Processing**, Volume 12, Issue 7, October 2018, p. 976 – 988, DOI: 10.1049/iet-cvi.2018.5252.
- [IP68] F. Cozzi, C. Elia, G. Gerosa, F. Rocchetta, M.P. Lanaro, A. Rizzi, G. Gianini, "Use of an Occlusion Mask for Veiling Glare Removal in HDR Images", **Journal of Imaging**, 2018, 4(8), 100; <https://doi.org/10.3390/jimaging4080100>.
- [IP67] M. Lecca, A. Rizzi, G. Gianini, "Review and Comparison of Random Spray Retinex and of its variants STRESS and QBRIX", **Cultura e scienza del colore – Color culture and science**, Vol. 9 (2018), pp. 55-64, DOI: 10.23738/ccsj.192018.00 .
- [IP66] M. Lecca, G. Simone, C. Bonanomi, A. Rizzi, "Point-based Spatial Color Sampling in Milano-Retinex: a Survey", **IET Image Processing**, 12.6 (2018): 833-849.
- [IP65] C. Bonanomi, S. Balletti, M. Lecca, M. Anisetti, A. Rizzi, E. Damiani "I3D: a new dataset for testing denoising and demosaicing algorithms", **Multimedia Tools and Applications**, (2018) first online 21 July 2018. <https://doi.org/10.1007/s11042-018-6396-4>.
- [IP64] A. Rizzi, C. Bonanomi, L. Blaso, O. Li Rosi, S. Fumagalli, "Effect of light changes on simultaneous color contrast: a new aspect of color rendition", **Coloration Technology**, 134.3 (2018): 214-221.
- [IP63] G. Gianini, A. Rizzi, "A Fuzzy Set Approach to Retinex Spray Sampling", **Multimedia Tools and Applications**, (2017) Vol. 76, Issue 23, pp. 24723-24748. <https://doi.org/10.1007/s11042-017-4877-5>.
- [IP62] B. Barricelli, P. Sciarelli, S. Valtolina, A. Rizzi, "Web Accessibility Legislation in Italy: A Survey 10 years after the Stanca Act", **Universal Access in the Information Society**, Vol. 17, Issue 1, pp 211–222, March 2018, <https://doi.org/10.1007/s10209-017-0526-z>.

- [IP61] M. Lecca, C. M. Modena, A. Rizzi, "Using pixel intensity as a self-regulating threshold for deterministic image sampling in Milano Retinex: the T-Rex algorithm", **Journal of Electronic Imaging**, 27(1), 011005 (Jan/Feb 2018), pp. 011005-1 - 011005-11, doi:10.1117/1.JEI.27.1.019801.
- [IP60] C. Bonanomi, S. Sarioli, S. Mascetti, G. Gianini, V. Alampi, M. Lanaro, A. Rizzi, "An App-based Assessment of SiChaRDa, an Image Enhancer for Color-Blind People", **Journal of Imaging Science and Technology**, Volume 61, Number 4, July 2017 pp. 40405-1-40405-9.
- [IP59] M. Lecca, A. Rizzi, R.P. Serapioni, "GRASS: A Gradient-based Random Sampling Scheme for Retinex", **IEEE Transaction on Image Processing**, Vol. 26 Issue 6, pp. 2767-2780, June 2017, DOI 10.1109/TIP.2017.2686652.
- [IP58] A. Rizzi, C. Bonanomi, "Milano Retinex family", **Journal of Electronic Imaging**, 26(3), 031207, pp. 1-7. doi:10.1117/1.JEI.26.3.031207.
- [IP57] M. Lecca, A. Rizzi, R.P. Serapioni, "GREAT: A Gradient-based Color Sampling Scheme for Retinex", **Journal of the Optical Society of America A**, Vol. 34, No. 4 / April 2017, pp. 513-522, <https://doi.org/10.1364/JOSAA.34.000513>.
- [IP56] D. Marini, C. Bonanomi, A. Rizzi, "Perceptual contrast enhancement in visual rendering of astro-photographs", **Journal of Electronic Imaging** 26(3), 031205 (2017), doi: 10.1117/1.JEI.26.3.031205.
- [IP55] G. Gianini, M. Lecca, A. Rizzi, "A population-based approach to point-sampling spatial color algorithms", **Journal of the Optical Society of America A**, Vol. 33, Issue 12, pp. 2396-2413 (2016), doi: 10.1364/JOSAA.33.002396.
- [IP54] B. Barricelli, D. Gadia, A. Rizzi, D. Marini, "Semiotics of Virtual Reality as a Communication Process", **Behaviour & Information Technology**, ISSN 0144-929X. - (2016), pp. 1-18. [Epub ahead of print].
- [IP53] M.P. Lanaro, C. Bonanomi, A. Rizzi, "Open Issues in the Study of Human Retina", **Journal of the International Colour Association**, Vol 20, pp. 1-11, (2017).
- [IP52] C. Fernandez-Maloigne, J. Moreno, A. Rizzi, C. Bonanomi, "QUALITAS: Image Quality Assessment for Stereoscopic Images.", **Journal of Imaging Science and Technology**, Vol. 60, N. 5, pp. 50405_1-13.
- [IP51] A. Rizzi, C. Bonanomi, S. Brazzoli, A. Cerutti, Z. M. Kovacs-Vajna, "Assessing appearance in human dental color space", **Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization**, ISSN: 2168-1163 (Print) 2168-1171 (Online), DOI 10.1080/21681163.2016.1164079.
- [IP50] D. Gadia, C. Bonanomi, M. Marzullo, A. Rizzi, "Perceptual enhancement of degraded Etruscan wall paintings", **Journal of Cultural Heritage**, Volume 21, September–October 2016, Pages 904–909, DOI: 10.1016/j.culher.2016.04.009.
- [IP49] M. Rossi, A. Rizzi, C. Bonanomi, A. Siniscalco "The Color Consultant Training for the Future: an Holistic View of Design and Technologies", **Journal of the International Colour Association**, Volume 16 (2016).
- [IP48] S. Mascetti; D. Ahmetovic; A. Gerino; C. Bernareggi; M. Busso; A. Rizzi, "Robust Traffic Lights Detection on Mobile Devices for Pedestrians with Visual Impairment", **Computer Vision and Image Understanding**, Volume 148, July 2016, Pages 123-135.
- [IP47] A. Rizzi, D. Fogli, B. R. Barricelli, "A New Approach to Perceptual Assessment of Human-Computer Interfaces", **Multimedia Tools and Applications**, 76(5), pp. 7381-7399, 2016. DOI: 10.1007/s11042-016-3400-8.
- [IP46] M. Lecca, A. Rizzi, G. Gianini, "Energy-driven path search for Termite Retinex", **Journal of the Optical Society of America A**, Vol. 33, Issue 1, pp. 31-39 (2016), doi: 10.1364/JOSAA.33.000031.
- [IP45] G. Gianini, A. Rizzi, E. Damiani, "A Retinex model based on Absorbing Markov Chains", **Information Sciences**, Volume 327, 10 January 2016, pp. 149–174.
- [IP44] M. Lecca, A. Rizzi, "Tuning the locality of filtering with a spatially weighted implementation of random spray Retinex", **Journal of the Optical Society of America A**, Vol. 32, Issue 10, pp. 1876-1887, 2015, doi: 10.1364/JOSAA.32.001876.
- [IP43] M. Gargano, D. Bertani, M. Greco, J. Cupitt, D. Gadia, A. Rizzi, "A Perceptual Approach for Visible and NIR Render in Ancient Documents Visualization", **Journal**

- of Cultural Heritage**, doi:10.1016/j.culher.2014.09.006, Volume 16, Issue 4, Pag. 518-525, Luglio–Agosto 2015.
- [IP42] A. Rizzi, A. Berolo, C. Bonanomi, D. Gadia, "Unsupervised Digital Movie Restoration with Spatial Models of Color", **Multimedia Tools and Application**, First online: Luglio 2014, ISSN 1380-7501, 75:7 (2016 Apr), pp. 3747-3765, DOI 10.1007/s11042-014-2064-5.
- [IP41] S. Fumagalli, C. Bonanomi, A. Rizzi, "Experimental assessment of color rendering indices and color appearance under varying setups", **Journal of Modern Optics**, Volume 62, Issue 1, 2014.
- [IP40] G. Gianini, A. Manenti, A. Rizzi, "QBRIX: a Quantile-based Approach to Retinex", **Journal of the Optical Society of America A**, Vol. 31, Issue 12, pp. 2663-2673 (2014).
- [IP39] D. Gadia, G. Garipoli, C. Bonanomi, L. Albani, A. Rizzi, "Assessing stereo blindness and stereo acuity on digital displays", **Displays**, 35 (4), pp. 206-212, 2014.
- [IP38] A. Rizzi, C. Bonanomi, D. Gadia "An extended image database for colour constancy", **Journal of the International Colour Association**, Vol. 13 (2014).
- [IP37] A. Rizzi, R. Eschbach, A. Quaranta, C. Bonanomi, "Modified Ishihara test to study the role of edges in color discrimination", **Italian Journal of Aerospace Medicine**, Vol. 11, Luglio 2014, ripubblicato su Vol. 13 Luglio 2015.
- [IP36] G. Simone, G. Audino, I. Farup, F. Albregtsen, A. Rizzi, "Termite Retinex: A New Implementation based on a Colony of Intelligent Agents", **Journal of Electronic Imaging**, 23 (1), 013006 (January 17, 2014); doi: 10.1117/1.JEI.23.1.013006.
- [IP35] J.J. McCann, C. Parraman, A. Rizzi, "Reflectance, illumination, and appearance in color constancy", **Frontiers in Psychology**, 5:5. (Jan 2014) doi: 10.3389/fpsyg.2014.00005.
- [IP34] N. Richard, C. Fernandez-Maloigne, C. Bonanomi, A. Rizzi, "Fuzzy Color Image Segmentation using Watershed Transform", **Journal of Image and Graphics**, 1 (3), Settembre 2013, ISSN 2301-3699.
- [IP33] C. Bonanomi, D. Marini, A. Rizzi, "From printed color to image appearance: tool for advertising assessment", **Journal of Electronic Imaging**, 21 (3), 2012.
- [IP32] D. Marini, R. Folgieri, D. Gadia, A. Rizzi, "Virtual Reality as a communication process", **Virtual Reality**, Volume 16, Issue 3 (2012), Page 233-241, DOI: 10.1007/s10055-011-0200-3.
- [IP31] Ø. Kolås, I. Farup, A. Rizzi, "Spatio-Temporal Retinex-Inspired Envelope with Stochastic Sampling: A Framework for Spatial Color Algorithms" **Journal of Imaging Science and Technology**, 55(4): 040503-1–040503-10, 2011 (IS&T Best Paper Award 2011).
- [IP30] S. Zuffi, C. Brambilla, R. Eschbach, A. Rizzi, "Comparing image preference in controlled and uncontrolled viewing conditions" **Journal of Electronic Imaging**, Vol.19 Issue 4, Ottobre- Dicembre 2010.
- [IP29] A. Rizzi, M. Chambah, "Perceptual Color Film Restoration" **SMPTE Motion Imaging Journal (Society of Motion Picture and Television Engineers)**, Vol. 19, No 8, pp. 33-41, Nov-Dec, (2010).
- [IP28] J. J. McCann, A. Rizzi, "Retinal HDR Images: Intraocular Glare and Object Size" **Journal of the Society for Information Display**, 17/11, pp. 913-920, (2009).
- [IP27] A. Rizzi, J. J. McCann, "Glare-limited Appearances in HDR Images", **Journal of the Society for Information Display**, 17/1, pp. 3-12, (2009).
- [IP26] E. Provenzi, C. Gatta, M. Fierro, A. Rizzi, "A Spatially Variant White Patch and Gray World Method for Color Image Enhancement Driven by Local Contrast", **IEEE Transactions on Pattern Analysis and Machine Intelligence**, Vol. 30, No. 10, October 2008.
- [IP25] A. Rizzi, "Colour normalisation and spatial comparison: a robust way to integrate the light spectrum", *special issue di Colour: Design & Creativity*, online journal from the Society of Dyers and Colourists (SDC), Ottobre 2008.
- [IP24] I. Farup, C. Gatta, A. Rizzi, "A Multiscale Framework for Spatial Gamut Mapping", **IEEE Transactions on Image Processing**, 2007 Oct ;16 (10):2423-35.

- [IP23] C. Gatta, A. Rizzi, D. Marini, "Perceptually inspired HDR images tone mapping with color correction", **International Journal of Imaging Systems and Technology**, Volume 17 Issue 5, pp. 285-294 (2007).
- [IP22] J. J. McCann, A. Rizzi, "Camera and visual veiling glare in HDR images" **Journal of the Society for Information Display** 15/9, 721-730 (2007).
- [IP21] M. Bertalmio, V. Caselles, E. Provenzi, A. Rizzi, "Perceptual Color Correction Through Variational Techniques" **IEEE Transactions on Image Processing**, Vol. 16, Issue 4, pp. 1058-1072, April 2007.
- [IP20] E. Provenzi, M. Fierro, A. Rizzi, L. De Carli, D. Gadia, D. Marini, "Random Spray Retinex: a new Retinex Implementation to Investigate the Local Properties of the Model" **IEEE Transactions on Image Processing**, Vol. 16, Issue 1, pp. 162-171, January 2007.
- [IP19] A. Rizzi, D. Gadia, D. Marini, "Analysis of tri-stimulus interdifference and contextual color correction" **Journal of Electronic Imaging**, Vol. 15, 041202, Dic 2006.
- [IP18] C. Gatta, A. Rizzi, D. Marini, "Local Linear LUT Method for Spatial Color Correction Algorithm Speed-up", **IEE Proceedings Vision, Image & Signal Processing**, Giugno 2006 - Volume 153, Issue 3, p. 357-363.
- [IP17] A. Artusi, C. Gatta, D. Marini, W. Purgathofer, A. Rizzi, "Speed-up Technique for a Local Automatic Color Equalization Model" **Computer Graphics Forum**, Volume 25 (2006), number 1 pp. 5-14.
- [IP16] E. Provenzi, A. Rizzi, L. De Carli, D. Marini, "Mathematical definition and analysis of the Retinex algorithm", **Journal of the Optical Society of America A**, Vol. 22, N. 12 December, pp 2613-2621 (2005).
- [IP15] M. Rossi, D. Marini, A. Rizzi, "Methods and application for photorealistic rendering and lighting of ancient buildings", **Journal of Cultural Heritage**, Volume 5, Issue 3, July-September 2004, pp. 291-300.
- [IP14] D. Marini, A. Rizzi, M. Rossi, "Post-Filtering for Color Appearance in Synthetic Images Visualization", **Journal of Electronic Imaging**, Vol. 13, No. 1, January 2004, pp. 111-119.
- [IP13] A. Rizzi, C. Gatta, D. Marini, "From Retinex to Automatic Color Equalization: issues in developing a new algorithm for unsupervised color equalization", **Journal of Electronic Imaging**, Vol. 13, No. 1, January 2004, pp. 75-84.
- [IP12] A. Rizzi, L. Rovati, D. Marini, F. Docchio, "Unsupervised Corrections of Unknown Chromatic Dominants using a Brownian Paths Based Retinex Algorithm", **Journal of Electronic Imaging**, Vol 12(3), Luglio 2003, pp. 431-441.
- [IP11] A. Rizzi, C. Gatta, D. Marini, "A New Algorithm for Unsupervised Global and Local Color Correction", **Pattern Recognition Letters**, Vol 24 (11), pp. 1663-1677, Luglio 2003.
- [IP10] G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "Retinex Preprocessing of Uncalibrated Images for Color Based Image Retrieval", **Journal of Electronic Imaging**, Vol 12(1), 2003, pp. 161-172.
- [IP9] A. Rizzi, D. Marini, L. De Carli, "LUT and Multilevel Brownian Retinex Colour Correction", **Machine Graphics and Vision**, volume 11, no.2/3, 2002, pp.153-168.
- [IP8] A. Rizzi, R. Cassinis, N. Serana "Neural Networks for Autonomous Path-Following with an Omnidirectional Image Sensor", **Neural Computing & Applications**, 11 (2002) 1, pp. 45-52.
- [IP7] R. Cassinis, D. Duina, S. Inelli, A. Rizzi, "Unsupervised matching of visual landmarks for robotic homing using Fourier-Mellin transform", **Robotics and Autonomous Systems**, Vol. 40 (2002) Issue 2-3, pp. 131-138.
- [IP6] G. Bianco, A. Rizzi, "Chromatic Adaptation for Robust Visual Navigation", **Advanced Robotics**, Volume 16, Number 3, 2002, pp. 217-232.
- [IP5] A. Rizzi, D. Duina, S. Inelli, R. Cassinis "A Novel Visual Landmark Matching for a Biologically Inspired Homing", **Pattern Recognition Letters** Vol 22 (13), Nov 2001, pp.1371-1378.
- [IP4] A. Rizzi, R. Cassinis, "A robot self-localization system based on omnidirectional color images", **Robotics and Autonomous Systems**, Vol. 34 (2001), pp. 23-38.
- [IP3] D. Marini, A. Rizzi, "A Computational Approach to Color Adaptation Effects", **Image and Vision Computing**, Vol. 18 (13), October 2000, pp. 1005-1014.

- [IP2] D. Marini, A. Rizzi, M. Rossi, "Color Constancy Measurement for Synthetic Image Generation", **Journal of Electronic Imaging**, Vol. 8, N.4, October 1999, pp.394-403.
- [IP1] A. Rizzi, G. Bianco, R. Cassinis, "A Bee-Inspired Visual Homing Using Color Images", **Robotics and Autonomous Systems**, 25 (1998), pp. 159-164.

Capitoli su libri internazionali, editorial o articoli su proceedings selezionati

- [IB21] A. Rizzi, Editorial, **Cultura e scienza del colore – Color culture and science**, 13(01), 5-6, 2021.
- [IB20] S. Westland, A. Rizzi, "Colorimetry: What's next?", Editorial, **Coloration Technology**, Vol.137 Issue 1, pp. 3-4, 2021.
- [IB19] A. Plutino, A. Rizzi, "Algorithms for Film Digital Restoration: Unsupervised Approaches for Film Frames Enhancement", **Moving Pictures, Living Machines**, a cura di Greta Plaitano, Simone Venturini, Paolo Villa, MIMES International, pp. 265-272, ISBN 9788869772764, 2020.
- [IB18] A. Rizzi, B. Barricelli, C. Bonanomi, A. Plutino, M.P. Lanaro, "Spatial Models of Color for Digital Color Restoration", in **Conservation, Restoration, and Analysis of Architectural and Archaeological Heritage**, Eds C. Inglese, A. Ippolito (2018) ISBN13: 9781522575559.
- [IB17] A. Rizzi, C. Bonanomi, "The human visual system described through visual illusions", in **Colour design: theories and applications**, Woodhead Publishing: Ms Janet Best (ed). – 2nd edition 2017.
- [IB16] L. Blaso, C. Bonanomi, S. Fumagalli, O. Li Rosi and A. Rizzi, "Assessing color rendering in a 3D setup", **Energy Procedia**, 78 (2015) pp. 705 – 710.
- [IB15] G. Simone, D. Gadia, I. Farup, A. Rizzi, "Ant Colony for Locality Foraging in Image Enhancement", in **Multi-Objective Swarm Intelligence: Theoretical Advances and Applications**, Ed. Dehuri, Satchidananda, Jagadev, Alok Kumar Panda, Mrutyunjaya, Studies in Computational Intelligence, Vol. 592, Springer, (2015).
- [IB14] A. Rizzi, J. McCann "Understanding glare and how it limits scene reproduction" in the **Handbook of Digital Imaging**, edited by M.Kriss, John Wiley & Sons, Ltd: Chichester, UK, pp. 433-458, Febbraio 2015, ISBN: 978-0-470-51059-9.
- [IB13] M. Rossi, A. Rizzi, "Color Temperature Variation for Fresh Food Lighting. A Test on User Preferences", in **Color in Food: Technological and Psychophysical Aspects**, José Luis Caivano and María del Pilar Buera Eds., CRC Press, ISBN 978-1439876930, Aprile 2012.
- [IB12] A. Rizzi, C. Bonanomi, "Colour illusions and the human visual system", in **Colour design: theories and applications**, Janet Best Ed., Woodhead Publishing, ISBN 1 84569 972 6, Marzo 2012.
- [IB11] C. Parraman, A. Rizzi, "Developing the CREATE network in europe", in **Colour in art, Design and Nature**, C.A. Brebbia, C. Created, M.W. Collins Ed.s, WIT Press, ISBN 978-1-84564-568-7, 2012.
- [IB10] J.J. McCann, V. Vonikakis, A. Rizzi, C. Parraman, "Report on the 3-D colour Mondrian project: Reflectance, illumination, appearance and reproduction", in **Colour-Coded**, Dec 2010, Pages 129-150, ISBN 978-0-901956-86-6.
- [IB9] M. Chambah, A. Rizzi, "Perception based digital motion picture restoration and quality evaluation", in **Colour-Coded**, Dec 2010, Pages 95-109, ISBN 978-0-901956-86-6.
- [IB8] C. Parraman, A. Rizzi, "CREATE: building a multi-disciplinary project in Europe", in **Colour-Coded**, Dec 2010, Pages 6-17, ISBN 978-0-901956-86-6.
- [IB7] A. Rizzi, C. Gatta, C. Slanzi, G. Ciocca, R. Schettini, "Unsupervised Color Film Restoration Using Adaptive Color Equalization", **Lecture Notes in Computer Science**, Volume 3736, Dec 2006, Pages 1 – 12.

- [IB6] G. Civati, S. Vacchi, D. Marini, A. Rizzi, "Neo Euclide: a Low-Cost System for Performance Animation and Puppetry", A. Camurri, G. Volpe (Eds.), Gesture-based Communication in Human-Computer Interaction, **Lecture Notes in Artificial Intelligence**, no. 2915, Springer Verlag, February 2004.
- [IB5] G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "Retinex Preprocessing of Uncalibrated Images for Color Based Image Retrieval", selezionato per **Virtual Journal of Biological Physics Research**, February 2003.
- [IB4] D. Marini, A. Rizzi, M. Rossi, "Color Appearance for Photorealistic Image Synthesis", selezionato per *Selected SPIE Papers on CD-ROM, Volume 24. Color Imaging: Device-Independent Color, Color Hard Copy, and Graphic Arts*, Ottobre 2002.
- [IB3] D. Marini, A. Rizzi, C. Carati, "Color Constancy Effects Measurement of the Retinex Theory", selezionato per *Selected SPIE Papers on CD-ROM, Volume 24. Color Imaging: Device-Independent Color, Color Hard Copy, and Graphic Arts*, Ottobre 2002.
- [IB2] R. Cassinisi, A. Rizzi, "Design Issues for a Robocup Goalkeeper", *Robocup-99 Robot Soccer World Cup III*, Ed. Manuela Veloso, **Lecture Notes in Computer Science**, pp. 254-262, Springer-Verlag, Berlin, 2000, ISBN 3-540-41043-0.
- [IB1] R. Cassinisi, D. Grana, A. Rizzi, "A perception system for mobile robot localisation ", *Machine Learning and Perception, series in Machine Perception Artificial Intelligence* vol.23, World Scientific, Singapore, 1996, ISBN 981-02-2642-X.

Articoli e Presentazioni Invited Internazionali

- [II20] A. Rizzi, "A view from the Dark Side", **invited**, "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications ", 15-19 January 2023, San Francisco (USA).
- [II19] A. Rizzi, "Citation for John McCann: AIC Deane B. Judd Award 2021 recipient", **invited Presentation**, AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
- [II18] A. Rizzi, A. Plutino, "Losing photographic visual memories", **invited lecture**, Yococu2020 - Hands ON Heritage: Experiencing Conservation, Mastering Management, online, 2-3-4 November 2020.
- [II17] A. Rizzi, "The gamut problem and alternative approaches", **keynote**, ICA-Belgium Colour Symposium,Ghent (Belgium) 23-25 May 2019.
- [II16] A. Rizzi, J.J. McCann, "On the need of a spatial approach to images", invited, Mathematics for Computer Vision (MCV 2018), February 15-16th 2018, Trento (Italy).
- [II15] A. Rizzi, "Why we don't care if the pixel value is wrong: limits and characteristics of standard and HDR digital images", **plenary speech**, 2nd International Conference on Computer and Communication Systems, 11-13 July 2017, Krakow (Poland).
- [II14] A. Rizzi, "From noise to base: changing the point of view about glare", **keynote**, International Conference on Light and Color in Nature, May31th – June 3rd 2016, Granada, Spagna.
- [II13] A. Rizzi, "The tale of the three worlds: about the relationship among light, images and appearance", **keynote**, 8th Colour and Visual Computing Symposium 2015 (CVCS 2015), August 25-26, 2015, Gjøvik, Norvegia.
- [II12] A. Rizzi, "The good, the bad and the ugly: the color we would like, the color we have, its appearance and dynamic range", **invited**, Computational Color Imaging Workshop 2015 (CCIW 2015), March 24-26, 2015, St Etienne, Francia.
- [II11] A. Rizzi, "When Color Meets Computer Vision", Color Research and Application, Wiley, Marzo 2014, DOI: 10.1002/col.21879.
- [II10] R. Eschbach, S.C. Morgana, A. Quaranta, C. Bonanomi, A. Rizzi, "Feeling edgy about color blindness", **invited**, Color Imaging XIX: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2014, San Francisco (USA), 3-5 February 2014.

- [II9] A. Rizzi, "Open Issues in Modeling Vision for Better Displays", **invited**, 8th International Symposium on Image and Signal Processing and Analysis (ISPA 2013), Trieste, 4-6 Settembre 2013.
- [II8] A. Rizzi, "Tone Rendering vs Tone Mapping: the History and Practice of HDR Imaging", **invited**, First International Conference and SME workshop on HDR Imaging (COST IC1005), Oporto, 9-10 Aprile 2013.
- [II7] A. Rizzi, "What a bad signal from this strange device", **invited**, Dark side of the color session, Color Imaging XVI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2011, San Francisco (USA), 23-27 Gennaio 2011.
- [II6] A. Rizzi, "Visualizing for the Human Vision System" **keynote**, SIGRAD 2009 Visualization and Design, Chalmers, Goteborg (Sweden), 26 Novembre 2009.
- [II5] A. Rizzi, J.J. McCann, "On the behavior of spatial models of color", **invited**, IS&T/SPIE Electronic Imaging 2007, S.Josè (California – USA), 28 gennaio – 1 febbraio 2007.
- [II4] A. Rizzi, J.J. McCann, "Spatial Models of Color", **invited**, Vision by Brains and Machines 2006, 13-17 novembre 2006, Montevideo, Uruguay.
- [II3] J.J. McCann, A. Rizzi, "Spatial Comparisons: The Antidote to Veiling Glare Limitations in HDR Images", **invited**, ADEAC 2006 (SID – VESA) 23-26 Ottobre 2006 , Atlanta, Georgia, USA.
- [II2] A. Rizzi, "Spatial Color Imaging: from Retinex to ACE", Gjovik Color Imaging Symposium 2005, **invited**, Gjovik (Norway), 30 Novembre-1 Dicembre 2005.
- [II1] D. Marini, A. Rizzi, M. Rossi, "Color Appearance for Photorealistic Image Synthesis", IS&T-SPIE Electronic Imaging 2001, **invited**, 20-26 January 2001, San Jose, California USA, Vol. 4300 (2001) pp. 208-215.

Articoli su riviste di divulgazione

- [DP3] J.J. McCann, A. Rizzi, "Computer algorithms that mimic human vision must respond to the spatial content in images", *SPIE Newsroom, Electronic Imaging & Signal Processing*, DOI: 10.1117/2.1200705.0675, 2007.
- [DP2] A. Rizzi, D. Gadia, D. Marini, "Effects of spectral information changes on spatial color computation", *Electronic Imaging – SPIE International Technical Group Newsletter*, Vol. 15, No. 1, December 2004.
- [DP1] D. Marini, A. Rizzi, "An Algorithm for Unsupervised Color Correction of Digital Pictures", *ST Journal of System Research*, Vol. 2, N. 1, December 2001.

Articoli su riviste nazionali

- [NP11] A. Rizzi, G. Simone, "Una mappa per il complesso mondo di immagini e video HDR", LUCE, Anno 59, num. 337, (2021).
- [NP10] G. Beretta, M. Gaiani, A. Rizzi, "La riproduzione digitale del colore: una storia da quattro bit", Kritiké, Anno II, (2021).
- [NP9] A. Rizzi, A. Plutino, "Sulle condizioni di somministrazione del test di Luscher", Psyche Nuova, Anno XXXVI, nuova serie 2019, ISSN 1128-1480, (2019).
- [NP8] S. Cagiada, R. Pizzi, A. Rizzi, S. Sarioli, "Effetto della trance ipnotica sulla percezione della dinamica di luminosità, sulla acuità stereo e sulla scelta dei colori", Ipnosi, rivista di ipnosi clinica e sperimentale, Ed. Franco Angeli, 2016.
- [NP7] A. Berolo, D. Sabatini, C. Bonanomi, D. Gadia, D. Marini, A. Rizzi, "Il restauro del colore digitale: un approccio basato sull'apparenza", Cultura e Scienza del Colore - Color Culture and Science, N. 1, pp. 8-12, 2014.
- [NP6] C. Bonanomi, D. Villa, A. Rizzi, D. Marini, "Una nuova pipeline di stampa", *Colore*, Quaderni di Cultura e Progetto del Colore, Num. 70 Anno XVIII, feb. 2011.
- [NP5] A. Rizzi, C. Gatta, F. Taraschi, M. Zanardini, M. Abbiati, "Un algoritmo per la valutazione percettiva delle interfacce visuali", *DDD Disegno e Design Digitale*, ed. Poli-Design (Politecnico di Milano), Anno 2, Num. 7, apr/giu 2003.

- [NP4] A. Rizzi, A. Moretti, "De Colorum Natura", *DDD Disegno e Design Digitale*, Anno 1, Num. 6, apr/giu 2003, ed. Poli-Design (Politecnico di Milano).
- [NP3] D. Calabi, A. Rizzi, "Interfacce umane per mondi artificiali", *Disegno e Design Digitale*, Anno 1, Num. 2, apr/giu 2002, ed. Poli.Design (Politecnico di Milano).
- [NP2] A. Rizzi, "Il colore dalla visione alla elaborazione informatica", *Brescia Ricerche*, N. 28, settembre 1999.
- [NP1] D. Marini, L. Marini, A. Rizzi, "Retinex, un modello computazionale per lo studio del colore", *PIXEL*, pp 5-9, Vol 12, 1995.

Capitoli su libri nazionali

- [NB3] M. Gaiani, M. Rossi, A. Rizzi, "Percezione delle immagini virtuali", in *Metodi di prototipazione digitale e visualizzazione per il Disegno industriale, l'architettura degli interni e i beni culturali*, a cura di M. Gaiani, pp 33-254, Ed. Poli.Design, Milano, 2004.
- [NB2] D. Marini, A. Artusi, A. Rizzi, "Il problema della rappresentazione di una immagine nell'ambito dei beni culturali", in *La comunicazione multimediale per i beni culturali*, a cura di M. Rossi e P. Salonia, pp. 221-238, Ed. Addison Wesley, 2003, ISBN 88-7192-176-3.
- [NB1] M. Rossi, A. Rizzi, "Luce, percezione, colore", in *Realtà virtuale per il Design. Il progetto della luce nel laboratorio digitale*, Ed. Poli.Design, Milano, 2001.

Articoli a conferenze internazionali con atti

- [IC136] A. Plutino, L. Armellin, R. Eschbach, A. Mazzoni, R. Marcucci, A. Rizzi, "Testing the role of vision spatial processing in color deficiency", "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications ", 15-19 January 2023, San Francisco (USA).
- [IC135] A. Rizzi, M. Sassi, "Color blindness and modern board games", "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications ", 15-19 January 2023, San Francisco (USA).
- [IC134] B. Sarti, A. Plutino, M. Longoni, A. Rizzi, S. Bruni, "Chemistry and colorimetry: preliminary investigation on chromogenic motion picture film", 2nd Edition of Colour Photography and Film: sharing knowledge of analysis, preservation, conservation, migration of analogue and digital materials, September 15-16, 2022, Firenze.
- [IC133] A. Cattaneo, B. Sarti, A. Plutino, A. Rizzi, "On the identification of colour photographic processes", 2nd Edition of Colour Photography and Film: sharing knowledge of analysis, preservation, conservation, migration of analogue and digital materials, September 15-16, 2022, Firenze.
- [IC132] G. Simone, M. Gaiani, A. Ballabeni, A. Rizzi, "Problems in image target-based color correction", Color Imaging XXVII: Displaying, Processing, Hardcopy, and Applications, part of IS&T Electronic Imaging 2022, online, 15-26 January 2022.
- [IC131] B. Sarti, A. Crespi, G. Morabito, A. Plutino, A. Rizzi, "Film Repository for Restoration (FiRe2): identification of photographic and cinematographic films", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
- [IC130] A. Rizzi, S. Liberini, "Munsell and Ostwald Color Spaces: A Comparison in the Field of Hair Coloring", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
- [IC129] A. Rizzi, R. Suardi, S. Liberini, "Hair Color Wheels and Charts", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
- [IC128] A. Plutino, B. Sarti, G. Simone, A. Rizzi, "A Film in a Frame: Movie Barcodes for Film Restoration", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
- [IC127] A. Crespi, G. Morabito, A. Plutino, A. Rizzi, "Photographic and Cinematographic Film Repository (FiRE): identification of films for digital restoration", Colour Photography and Film: Sharing knowledge of analysis, preservation, conservation, migration of analogue and digital materials, pages 37-41, edited by Barbara

- Cattaneo, Marcello Picollo, Filippo Cherubini and Veronica Marchiafava, Research Culture And Science Books series - Vol. 00, 2021, DOI: 10.23738/RCASB.001, ISBN 978-88-99513-14-6, 2021.
- [IC126] A. Rizzi, "What if colorimetry does not work", Color Imaging XXVI: Displaying, Processing, Hardcopy, and Applications, part of IS&T Electronic Imaging 2021, online, 18-29 January 2021.
 - [IC125] G. Simone, A. Plutino, A. Rizzi, M. Rossi, "The experience of the Master in Color Design & Technology during COVID-19 lockdown", RUcolor, 1-5 December 2020, online.
 - [IC124] A. Brivio, A. Plutino, A. Rizzi, "The colors of "Toute une nuit": a study of color restoration in film", RUcolor, 1-5 December 2020, online.
 - [IC123] M. Rossi, A. Plutino, A. Siniscalco, A. Rizzi, "Teaching color and color science: The experience of an international Master course", Color Imaging XXV: Displaying, Processing, Hardcopy, and Applications, part of IS&T Electronic Imaging 2020, Burlingame (USA), 26-30 January 2020.
 - [IC122] G. Gianini, C. Mio, L. Ghemmogne Fossi, A. Rizzi, "Gradient Attenuation as an Emergent Property of Reset-based Retinex Models", MEDES 2019, 12-14 November 2019, Lymassol (Cyprus).
 - [IC121] A. Rizzi, A. Plutino, M. Rossi, "Fundamentals of color teaching in post-graduate education", AIC 2019, 14-17 October 2019, Buenos Aires (Argentina).
 - [IC120] M. Rossi, I. Calvo Ivanovic, A. Rizzi, "Project work experiences in post-graduate education on color design", AIC 2019, 14-17 October 2019, Buenos Aires (Argentina).
 - [IC119] A. Plutino, M. Lecca, A. Rizzi, "A Cockpit of Measures for Image Quality Assessment in Digital Film Restoration", International Conference on Image Analysis and Processing (pp. 159-169). Springer, Trento, September 2019, doi: 10.1007/978-3-030-30754-7_16.
 - [IC118] M.P. Lanaro, H. Perrier, D. Coeurjolly, V. Ostromoukhov, A. Rizzi, "Towards human retinal cones spatial distribution modeling" MODVIS 2019: Computational and Mathematical Models in Vision, St. Pete Beach (FL, USA), 15-17 May 2019.
 - [IC117] J. Galli, F. Gitti, M. Lanaro, A. Rizzi, M.A., Pavlova, E. Fazzi, "Social Cognition in Children Autism Spectrum Disorders: An Eye Tracking Study". Neuropediatrics, 50(S 01), CO05 (2019).
 - [IC116] A. Plutino, S. Bellotti, C. Lombardi, P. Guerrini, A. Rizzi, "The funerals of the bombing of Piazza della Loggia in Brescia: an example of rescue of an historical and amatorial document", Atti del Nono Convegno Internazionale Diagnosis for the Conservation and Valorization of Cultural Heritage, p. 121 - 129, Cervino Edizioni, Napoli 2018, ISBN: 978-88-95609-42-3.
 - [IC115] S. Liberini, M.P. Lanaro, M. Rossi, A. Rizzi, "About glare and luminance measurements", Color Imaging XXIV: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2019, San Francisco (USA), 13-17 January 2019.
 - [IC114] I. Otto, A. Plutino, M.P. Lanaro, A. Rizzi, "All the Colours of a Film: a study on the Chromatic Variation of Movies", AIC Lisboa 2018 - AIC Interim Meeting - 25-29 September 2018, Lisbon (Portugal).
 - [IC113] B. Barricelli, A. Rizzi, S. Valtolina, C. Manfredini, "Computer-based ICF Management System for Supporting the Inclusion of Students with Special Needs in Non-Dedicated Classes", HWID2018 - Human-Work Interaction Design IFIP working conference, 20-21 August 2018, Espoo (Finland).
 - [IC112] M. Lecca, G. Simone, A. Rizzi, "Milano Retinex Paths as Local Minima of an Energy Functional with Tunable Color and Spatial information", SIAM Conference on Imaging Science, 5-8 June 2018, Bologna (Italy).
 - [IC111] A. Rizzi, C. Bonanomi, J. Melada, A. Plutino, "The influence of spatial arrangement of a scene in the stability of color appearance under different lights", Balkan Light 2018, VII Balkan Conference on Lighting, 4-6 June 2018, Sofia (Bulgaria).
 - [IC110] A. Plutino, M. Lanaro, A. Ghioldi, R. Cammarata, A. Rizzi, "Work Memories in Super8: the dawn of paper recycling in Brescia", VI International Conference YOCOCU, May 22-26th 2018, Matera, (Italy).
 - [IC109] A. Plutino, M. Lanaro, A. Ghioldi, R. Cammarata, A. Rizzi, "ACE for Super 8 movie restoration", Mathematics for Computer Vision (MCV 2018) February 15-16th 2018, Trento, (Italy).
 - [IC108] D. Marini, C. Bonanomi, A. Rizzi, "About color correction in astrophotography", Color Imaging XXIII: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2018, San Francisco (USA), 28 January – 2 February 2018.

- [IC107] C. Bonanomi*, M. Lanaro, A. Rizzi, B. Barricelli, "A Perceptual Method to Assess Color in Interfaces", AIC 2017, 13th AIC Congress 16-20 October 2017 Jeju, South Korea.
- [IC106] S. Valtolina, B.R. Barricelli, A. Rizzi, S. Menghini, A. Ciriaci, "Socio-technical Design of an App for Migrants Rescue Operations". Proc. of INTERACT 2017 Lecture Notes in Computer Science, vol 10774. Springer, Cham. ISBN 978-3-319-92080-1, DOI https://doi.org/10.1007/978-3-319-92081-8_14.
- [IC105] M. Lecca, C.M. Modena, A. Rizzi, "T-Rex: A Milano Retinex Implementation based on Intensity Thresholding", 6th Computational Color Imaging Workshop (CCIW'17), March 29-31, 2017, Milan, Italy, LNCS 10213 Lecture Notes in Computer Science, ISBN 978-3-319-56009-0,DOI 10.1007/978-3-319-56010-6.
- [IC104] S. Mascetti, D. Ahmetovic, A. Gerino, C. Bernareggi, M. Busso, A. Rizzi, "Supporting Pedestrians with Visual Impairment During Road Crossing: a Mobile Application for Traffic Lights Detection", 15th International Conference on Computers Helping People with Special Needs (ICCHP 2016). 2016, Linz (Austria), July 11-12, 2016.
- [IC103] S. Mascetti, C. Rossetti, A. Gerino, C. Bernareggi, L. Picinali, A. Rizzi, "Towards a Natural User Interface to Support People with Visual Impairments in Detecting Colors" 15th International Conference on Computers Helping People with Special Needs (ICCHP 2016). 2016, Linz (Austria), July 11-12, 2016.
- [IC102] D. Marini, A. Rizzi, C. Bonanomi, "A novel approach to visual rendering of astro-photographs", SPIE Astronomical Telescopes and Instrumentation, Volume 9913 Software and Cyberinfrastructure for Astronomy III, pp. 99134P-99134P, Edinburgh (United Kingdom), June 26, 2016.
- [IC101] A. Rizzi, "Designator Retinex, Milano Retinex and the locality issue", Color Imaging XXI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2016, San Francisco (USA), 14-18 Febbraio 2016.
- [IC100] D. Marini, A. Rizzi, C. Bonanomi, "Processing astro-photographs using Retinex based methods", Color Imaging XXI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2016, San Francisco (USA), 14-18 Febbraio 2016.
- [IC99] L. Blaso, C. Bonanomi, S. Fumagalli, O. Li Rosi and A. Rizzi, "Assessing color rendering in a 3d setup", 6th International Building Physics Conference IBPC 2015, 15-17 Giugno 2015, Torino.
- [IC98] S. Gbèhounou, E. Calore, F. Lecellier, A. Rizzi, C. Fernandez Maloigne, "SSVEP response study for low semantic images", AIC 2015, 19-22 May 2015 Tokyo, Japan.
- [IC97] A. Rizzi, M. Rossi, C. Bonanomi, A. Siniscalco, "A novel experience in color teaching: Master in Color Design & Technology", AIC 2015, 19-22 May 2015 Tokyo, Japan.
- [IC96] L. Blaso, C. Bonanomi, S. Fumagalli, O. Li Rosi, A. Rizzi, "An Experiment of Color Rendering with 3D Objects", AIC 2015, 19-22 May 2015 Tokyo, Japan.
- [IC95] M. Gargano, D. Bertani, D. Gadia, A. Rizzi, "Fusion of Visible and NIR Images in the Examination of Papyri", TAIMA 2015, 11-16 Maggio 2015, Hammamet, Tunisia.
- [IC94] J. Moreno, A. Rizzi, C. Fernandez Maloigne, "A New Metric of Image Quality Assessment for Stereoscopic Content", Data Compression Conference (DCC2015), April 7-9, 2015, Snowbird, Utah (USA).
- [IC93] J. Moreno, A. Rizzi, C. Fernandez-Maloigne, "A New Metric of Image Quality Assessment for Stereoscopic Content", AIC 2014, Interim Meeting of the International Coor Association, Oaxaca, Mexico, 21-24 Ottobre, 2014.
- [IC92] A. Rizzi, C. Bonanomi, S. Fumagalli, "A Test od Colour Rendering Evaluation", CIE 2014 Conference on Lighting Quality & Energy Efficiency, Kuala Lumpur (Malesia) 23-26 Aprile 2014.
- [IC91] J.J. McCann, A. Rizzi, V. Vonikakis, C. Bonanomi, "Chromaticity limits in color constancy calculation", Color and Imaging Conference, Albuquerque (USA), 4-8 Novembre 2013.
- [IC90] S. Fumagalli, G. Leonardi, C. Bonanomi, A. Rizzi, C. Bochicchio, A. Lattivi, F. Primerano, "Luminous efficacy: a didactic experience", Lux Europa 2013, Krakow (Polonia) 17-19 Settembre 2013.
- [IC89] G. Garipoli, C. Bonanomi, D. Gadia, A. Rizzi, L. Albani, "Tuning a computer based stereo blindness assessment", 8th International Symposium on Image and Signal Processing and Analysis (ISPA 2013), Trieste, 4-6 Settembre 2013.
- [IC88] E. Calore, C. Bonanomi, D. Gadia, A. Rizzi, "Test of an Open Hardware colorimeter", CIE Conference, Towards a New Century of Light, Parigi, 15-16 Aprile 2013.

- [IC87] S. Fumagalli, C. Bonanomi, A. Rizzi, "An experiment on the color rendering of different light sources", Color Imaging XVIII: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2013, San Francisco (USA), 3-7 Febbraio 2013.
- [IC86] A. Rizzi, C. Bonanomi, D. Gadia, G. Riopi "YACCD2: Yet Another Color Constancy Database Updated", Color Imaging XVIII: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2013, San Francisco (USA), 3-7 Febbraio 2013.
- [IC85] S. Brazzoli, N. Barabanti, A. Rizzi, Zs. M. Kovacs Vajna, A. Cerutti, The Layering Composite Selection and Evaluation in Class IV Restorations: Instrumental Assessment, SCAD 4th Annual Conference - Chicago, Settembre 2012.
- [IC84] A. Berolo, C. Bonanomi, D. Gadia, A. Rizzi, "Preserving Movie Cultural Heritage: Advantages and Characteristics of a Perceptual Digital Color Restoration Approach", CDCH 2012 – Creative Design for Interdisciplinary Projects in Cultural Heritage, 30 Settembre 2012, Innsbruck (Austria).
- [IC83] G. Simone, G. Audino, I. Farup, A. Rizzi, "Termites: a Retinex implementation based on a colony of agents", IS&T/SPIE Electronic Imaging 2012, San Francisco (USA), 22-26 January 2012.
- [IC82] D. Gadia, A. Rizzi, C. Bonanomi, D. Marini, A. Galmonte, T. Agostini "Color appearance in stereoscopy", IS&T/SPIE Electronic Imaging 2011, San Francisco (USA), 23-27 Gennaio 2011.
- [IC81] C. Parraman, A. Rizzi, "Knowledge exchange in the CREATE project – Colour Research for European Advanced Technology Employment", Color Imaging XVI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2011, San Francisco (USA), 23-27 Gennaio 2011.
- [IC80] J.J. McCann, V. Vonikakis, C. Parraman, A. Rizzi, "Analysis of Spatial Image Rendering", CIC18, 18th Color Imaging Conference, San Antonio, 8-12 November, 2010.
- [IC79] M. Rossi, A. Rizzi, "Color Temperature Variation for Food Lighting: a Test on User Preferences", AIC 2010, Interim Meeting of the International Coor Association, Mar del Plata, Argentina, 12-15 Ottobre, 2010.
- [IC78] D. Gadia, G. Lasco, A. Rizzi, D. Marini, M.R. Antognazza, S. Perissinotto, G. Lanzani, "New experiments on color in context and organic-based artificial photoreceptors", CGIV 2010 -- Fifth European Conference on Colour in Graphics, Imaging, and MCS/10 Vision 12th International Symposium on Multispectral Colour Science, June 14-17, 2010, Joensuu, Finland.
- [IC77] A. Rizzi, C. Parraman, "Developments in the recovery of colour in fine art prints using spatial image processing", 4th International Conference on: Preservation and Conservation Issues in Digital Printing and Digital Photography 27 – 28 May 2010, Institute of Physics, London.
- [IC76] C. Parraman, A. Rizzi, "Spatial image processing for the enhancement and restoration of film, photography and print", INFOS 2010, 7th International Conference on Informatics and Systems, 28–30 March, 2010, Cairo, Egypt
- [IC75] A. Rizzi, "Object Size, Spatial-Frequency Content and Retinal Contrast", in *IS&T/SPIE Electronic Imaging 2010*, San Jose (California – USA), 17-21 Gennaio 2010.
- [IC74] J.J. McCann, C. Parraman, A. Rizzi, "Pixel and spatial mechanisms of color constancy", *IS&T/SPIE Electronic Imaging 2010*, San Jose (California – USA), 17-21 Gennaio 2010.
- [IC73] D. Gadia, D. Villa, C. Bonanomi, A. Rizzi, D. Marini "Local Color Correction of Stereo Pairs", *IS&T/SPIE Electronic Imaging 2010*, San Jose (California – USA), 17-21 Gennaio 2010.
- [IC72] C. Parraman, J.J. McCann, A. Rizzi, "Artist's Colour Rendering of HDR Scenes in 3-D Mondrian Colour-Constancy Experiments", *IS&T/SPIE Electronic Imaging 2010*, San Jose (California – USA), 17-21 Gennaio 2010.
- [IC71] J.J. McCann, C. Parraman, A. Rizzi, "Reflectance, illumination and edges: The Effects of Intraocular Glare and Object Size", CIC17, Seventeenth Color Imaging Conference, Albuquerque, New Mexico, Nov. 9-13, 2009.
- [IC70] J.J. McCann, C. Parraman, A. Rizzi, "Reflectance Illumination and Edges in 3-D Mondrian Colour-Constancy Experiments", 11th Congress of the International Colour Association AIC2009, Sydney (Australia), 27 September - 2 October 2009.
- [IC69] C. Bonanomi, D. Villa, A. Rizzi, D. Marini, "Towards the Simulation of Visual Appearance for Indoor and Outdoor Advertising", 11th Congress of the International Colour Association AIC2009, Sydney (Australia), 27 September - 2 October 2009.

- [IC68] J.J. McCann, A. Rizzi, "Preservation of Edges: The Mechanism for Improvements in HDR Imaging", in *IS&T/SPIE Electronic Imaging 2009*, San Jose (California – USA), 18-22 January 2009.
- [IC67] C. Parraman, A. Rizzi, J.J. McCann, "Color Appearance and Color Rendering of HDR Scenes: An Experiment", in *IS&T/SPIE Electronic Imaging 2009*, San Jose (California – USA), 18-22 January 2009.
- [IC66] G. Simone, M. Pedersen, J.Y. Hardeberg, A. Rizzi, "Measuring Perceptual Contrast in a Multi-level Framework", in *IS&T/SPIE Electronic Imaging 2009*, San Jose (California – USA), 18-22 January 2009.
- [IC65] S. Zuffi, C. Brambilla, R. Eschbach, A. Rizzi, "A study on the equivalence of controlled and uncontrolled visual experiments", in *IS&T/SPIE Electronic Imaging 2009*, San Jose (California – USA), 18-22 January 2009.
- [IC64] J.J. McCann, A. Rizzi, "Retinal HDR Images: The Effects of Intraocular Glare and Object Size", CIC16, Sixteenth Color Imaging Conference, Portland, Oregon, Nov. 10-15, 2008.
- [IC63] C. Parraman, A. Rizzi, "Developing the CREATE network in europe", in *Colour in Art, Design and Nature*, Edinburgh (UK), October 24th 2008.
- [IC62] A. Rizzi, J.J. McCann, "Simultaneous Contrast and Intraocular Glare", in International Colour Association Interim Meeting AIC2008, Stoccolma (Svezia), 15-18 giugno 2008.
- [IC61] A. Rizzi, L. Gatti, B. Kránicz, A. Berolo, "A Mixed Perceptual and Physical-chemical Approach for the Restoration of Faded Positive Films", in 4th European *IS&T* Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
- [IC60] M. Pedersen, A. Rizzi, J.Y. Hardeberg and G. Simone, "Evaluation of contrast measures in relation to observers perceived contrast", in 4th European *IS&T* Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
- [IC59] J.J. McCann, A. Rizzi, "Appearance of High-Dynamic Range Images in a Uniform Lightness Space", in 4th European *IS&T* Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
- [IC58] A. Rizzi, G. Simone, R. Cordone, "A Modified Algorithm for Perceived Contrast Measure in Digital Images", in 4th European *IS&T* Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
- [IC57] S. Ouni, M. Chambah, C. Saint-Jean, A. Rizzi, "DAF: Differential ACE Filtering. Image Quality Assessment by Automatic Color Equalization", in Image Quality and System Performance V (6808), *IS&T/SPIE Electronic Imaging 2008*, San Jose (California – USA), 27-31 January 2008.
- [IC56] S. Zuffi, C. Brambilla, R. Eschbach , A. Rizzi, "Controlled and Uncontrolled Viewing Conditions in the Evaluation of Prints", in Color Imaging XIII: Processing, Hardcopy, and Applications (6807), *IS&T/SPIE Electronic Imaging 2008*, San Jose (California – USA), 27-31 January 2008.
- [IC55] A. Rizzi, D. Gadia, D. Marini, M.R. Antognazza, S.Perissinotto, G. Lanzani, "Investigation on the relationship between cone sensitivities and color in context for an organic-based Artificial Retina", in Color Imaging XIII: Processing, Hardcopy, and Applications (6807), *IS&T/SPIE Electronic Imaging 2008*, San Jose (California – USA), 27-31 January 2008.
- [IC54] A. Rizzi, M. Pezzetti, J.J. McCann, "Separating the effects of glare from simultaneous contrast", in Human Vision and Electronic Imaging XIII (6806), *IS&T/SPIE Electronic Imaging 2008*, San Jose (California – USA), 27-31 January 2008.
- [IC53] D. Gadia, C. Bonanomi, M. Rossi, A. Rizzi, D. Marini, "Color Management and Color Perception Issues in a Virtual Reality Theater", in Stereoscopic Displays and Applications XIX (6803), *IS&T/SPIE Electronic Imaging 2008*, San Jose (California – USA), 27-31 January 2008.
- [IC52] A. Rizzi, M. Pezzetti, J.J. McCann, "Glare-limited Appearances in HDR Images", *Color Imaging Conference 2007*, Albuquerque (New Mexico), November 5-9, 2007.
- [IC51] M. G. Strepparava, M. O. Harb, S. Russo, F. Zorzi, A. Rizzi, "Individual differences in virtual environments. An experimental research on emotions, behaviour and sense of presence in Second Life", PRESENCE 2007The 10th Annual International Workshop on Presence, 25-27 Ottobre 2007,Barcellona.
- [IC50] J.J. McCann, A. Rizzi, "Spatial Comparisons: The Antidote to Veiling Glare Limitations in Image Capture and Display", *IMQA 2007 Second International*

Workshop on Image Media Quality and its Application, Chiba (Japan), 9-10 marzo, 2007.

- [IC49] J.J. McCann, A. Rizzi, "Veiling Glare: the dynamic range limit of HDR images", *IS&T/SPIE Electronic Imaging 2007*, S.Josè (California – USA), 28 gennaio –1 febbraio 2007.
- [IC48] C. Parraman, A. Rizzi, "User Preferences in Color Enhancement Unsupervised Methods for Printing", *IS&T/SPIE Electronic Imaging 2007*, S.Josè (California – USA), 28 gennaio –1 febbraio 2007.
- [IC47] M. Chambah, A. Rizzi, C. Saint-Jean, "Image Quality and Automatic Color Equalization", *IS&T/SPIE Electronic Imaging 2007*, S.Josè (California – USA), 28 gennaio –1 febbraio 2007.
- [IC46] C. Parraman, A. Rizzi, "Searching User Preferences in Printing: A Proposal for an Automatic Solution", *Printing Technology SpB06*, San Pietroburgo (Russia), giugno 2006.
- [IC45] A. Rizzi, "Perceptual Colour Film Restoration", *Third International Conference on Preservation and Conservation Issues Related to Digital Printing and Digital Photography*, Institute of Physics, Londra, 24-25 aprile 2006.
- [IC44] M. Chambah, C. Saint-Jean, F. Helt, A. Rizzi, "Further Image Quality Assessment in Digital Film Restoration", *IS&T-SPIE Electronic Imaging 2006*, S.Josè (California – USA), gennaio 2006.
- [IC43] M. Rossi, D. Gadia, A. Rizzi, D. Marini, "Towards Image-Based Measurement of Perceived Lightness applied to Paintings Lighting", VAST05: 6th International Symposium on Virtual Reality, Archaeology and Cultural Heritage – 3rd Eurographics Workshop on Graphics and Cultural Heritage, 8-11 Novembre 2005, Pisa (Italy).
- [IC42] A. Rizzi, C. Gatta, C. Slanzi, G. Ciocca, R. Schettini, "Unsupervised color film restoration using adaptive color equalization", *VISUAL 2005*, 8th International Conference on Visual Information System, Amsterdam, The Netherlands, Luglio 2005.
- [IC41] M. Billger, C. Gatta, B. Stahre, A. Rizzi, "Towards perceptual colour for virtual environments", *AIC05*, 10th Congress of the International Colour Association, Granada, Spain, 8-13 Maggio 2005.
- [IC40] A. Rizzi, C. Gatta, C. Slanzi, D. Marini, "Digital techniques for unsupervised color film restoration", *MIDECH05*, Multimedia.Information@Design for Cultural Heritage, Milano, 8 Marzo 2005.
- [IC39] M. Chambah, C. Gatta, A. Rizzi, "Linear Techniques for Image Sequence Processing Acceleration", *IS&T-SPIE Electronic Imaging 2005*, S.Josè (California – USA), gennaio 2005.
- [IC38] A. Rizzi, D. Gadia, D. Marini "Spectral information and spatial color computation", *IS&T-SPIE Electronic Imaging 2005*, S.Josè (California – USA), gennaio 2005.
- [IC37] D. Marini, A. Rizzi, C. Gatta, D. Gadia, "Color and contrast adaptation issues in VR interfaces for security training", *PSAM04*, Berlin, giugno 2004.
- [IC36] D. Gadia, D. Marini, A. Rizzi, "Tuning Retinex for HDR Images Visualization", *CGIV04, IS&T Second European Conference on Color in Graphics, Imaging and Vision*, April 5-8, 2004, Aachen (Germany).
- [IC35] A. Rizzi, T. Algeri, G. Medeghini, D. Marini, "A proposal for Contrast Measure in Digital Images", *CGIV04, IS&T Second European Conference on Color in Graphics, Imaging and Vision*, April 5-8, 2004, Aachen (Germany).
- [IC34] C. Gatta, S. Vacchi, D. Marini, A. Rizzi "Proposal for a New Method to speed up Local Color Correction Algorithms", *IS&T-SPIE Electronic Imaging 2004*, S.Josè (California – USA), gennaio 2004, Vol. 5293 (2004), pp.203-212.
- [IC33] A. Rizzi, C. Gatta, B. Piacentini, M. Fierro, D. Marini, "A human visual system inspired tone mapping algorithm for HDR images", *IS&T-SPIE Electronic Imaging 2004*, S.Josè (California – USA), gennaio 2004.
- [IC32] A. Rizzi, M. Chambah, D. Lenza, B. Besserer, D. Marini, "Tuning of perceptual technique for digital movie color restoration", *IS&T-SPIE Electronic Imaging 2004*, S.Josè (California – USA), gennaio 2004.
- [IC31] M. Chambah, A. Renouf, D. Semani, P. Courtellemont A. Rizzi, "Underwater color constancy : enhancement of automatic live fish recognition", *IS&T-SPIE Electronic Imaging 2004*, S.Josè (California – USA), gennaio 2004.
- [IC30] J.J. McCann, A. Rizzi, "The Spatial Properties of Contrast", *Color Imaging Conference 2003*, Scottsdale (Arizona – USA), November 2003.

- [IC29] S. Vacchi, G. Civati, D. Marini, A. Rizzi, "A Real-Time System for Gesture Generation and Mapping", *V International Gesture Workshop GW2003*, Genova, Aprile 2003 .
- [IC28] A. Rizzi, C. Gatta, D. Marini, "YACCD: Yet Another Color Constancy Database", *IS&T-SPIE Electronic Imaging 2003*, 21-24/01/03, S. Clara, California (USA), Vol. 5008, (2003) pp.24-35.
- [IC27] M. Chambah, A. Rizzi, C. Gatta, B. Besserer, D. Marini, "Perceptual approach for unsupervised digital color restoration of cinematographic archives", *IS&T-SPIE Electronic Imaging 2003*, 21-24/01/03, S. Clara, California (USA), Vol. 5008, (2003) pp.138-149.
- [IC26] D. Marini, A. Rizzi, C. Gatta, "Digital Color Images and Local Color Correction" *Optics in Computing*, 14-17 Oct. 2002, St.Petersburg.
- [IC25] C. Gatta, A. Rizzi, D. Marini, "ACE: an Automatic Color Equalization algorithm" *CGIV02 the First European Conference on Color in Graphics Image and Vision*, 2-5/4/2002, Poitiers (France), pp. 316-320.
- [IC24] A. Rizzi, C. Gatta, D. Marini "Color Correction between Gray World and White Patch", *IS&T-SPIE Electronic Imaging 2002*, 20-25/01/02, S. Josè, California (USA), Vol. 4663, (2002), pp.367-375.
- [IC23] D. Marini, A. Rizzi, M. Rossi, "Post-filtering for Color Appearance in Synthetic Images Tone Reproduction", *IS&T-SPIE Electronic Imaging 2002*, 20-25/01/02, S. Josè, California (USA), Vol. 4663, (2002), pp. 376-384.
- [IC22] G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "Color Based Image Retrieval of Uncalibrated Images", *CBMI2001 Second International IEEE Workshop on Content Based Multimedia and Indexing*, Brescia, 19-21 settembre 2001.
- [IC21] M. Rossi, D. Marini, A. Rizzi, "Chromatic Adaptation Post-Filtering in Image Synthesis Reproduction of Ancient Building for Restoration Support", *ICHIM2001*, Cultural Heritage and Technologies in the Third Millennium, Milano, 3-7 settembre 2001, pp.155-168.
- [IC20] M. Rossi, D. Marini, A. Rizzi, "Photorealistic Rendering over the Internet for Restoration Support of Ancient Buildings", *IS&T-SPIE Electronic Imaging 2001*, 20-26 January 2001, San Jose, California USA, Vol. 4311 (2001) pp. 226-235.
- [IC19] G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "On prefiltering with retinex in color image retrieval", *IS&T-SPIE Electronic Imaging 2001*, 20-26 January 2001, San Jose, California USA.
- [IC18] G. Bianco, A. Rizzi, "Chromatic adaptation pre-filtering effect on visual based motion strategies", IROS2000, IEEE/RSJ International Conference on Intelligent Robots and Systems, October 30 - November 5, 2000, Kagawa University, Takamatsu, Japan.
- [IC17] D. Marini, A. Rizzi, L. De Carli, "Multiresolution retinex: comparison of algorithms", CGIP'2000, First International Conference on Color in Graphics and Image Processing, October 1-4, 2000 - Saint-Etienne (France), pp. 106-110.
- [IC16] A. Rizzi, D. Duina, S. Inelli, R. Cassinisi, "Unsupervised Matching of Visual Landmarks for Robotic Homing using Fourier-Mellin Transform", *IAS-6 Int. Conf. On Intelligent and Autonomous Systems*, Venezia, 25-27 luglio 2000.
- [IC15] D. Marini, A. Rizzi, "A Color Appearance Approach to Image Database Visual Retrieval", *IS&T-SPIE Electronic Imaging 2000*, San Jose', California (USA), 24-28/1/2000, Vol. 3964 (2000) pp. 186-195.
- [IC14] G. Bianco, A. Rizzi, R. Cassinisi, N. Adami, "Guidance principle and robustness issues for a biologically-inspired visual homing", *EUROBOT99 Third Euromicro Workshop on Advanced Mobile Robots '99*, Zurich, Switzerland, September 6-8, 1999.
- [IC13] R. Cassinisi, A. Rizzi, "Design Issues for a Goalkeeper Robot", IJCAI-99, third international Robocup Workshop, Sweden, 31/7-1/8/99
- [IC12] D. Marini, A. Rizzi, C. Carati, "Color Constancy Effects Measurement of the Retinex Theory", *IS&T-SPIE Electronic Imaging 1999*, San Jose', California (USA), 23-29/1/99, Vol .3648 (1999) pp. 249-256.
- [IC11] R. Cassinisi, A. Rizzi, M. Volta, "Result and Comparisons for a Self-Localization System Based on an Optical Pre-Processing Device", *IFAC workshop on Intelligent Components for Vehicles (ICV98)*, Seville (Spain) 23-24/3/98.
- [IC10] G. Bianco, R. Cassinisi, A. Rizzi, N. Adami, P. Mosna, "A Bee-Inspired Robot Visual Homing Method", *EUROBOT97 Second Euromicro Workshop on Advanced Mobile Robots '97*, Brescia, Italy, 22-24/10/97.

- [IC9] R. Cassinis, D. Grana, A. Rizzi, V. Rosati, "Robustness Characteristics of POLLICINO System for Autonomous Robot Self-Localization", *EUROBOT97 Second Euromicro Workshop on Advanced Mobile Robots '97*, Brescia, Italy, 22-24/10/97.
- [IC8] D. Marini, A. Rizzi, "Non-Supervised Chromatic Illuminant Corrector for Autonomous Robots", *EUROBOT97 Second Euromicro Workshop on Advanced Mobile Robots '97*, Brescia, Italy, 22-24/10/97.
- [IC7] C. Colombo, A. Rizzi, I. Genovesi, "Histogram Families for Color-Based Retrieval in Image Databases", *ICIAP97 9th International Conference on Image Analysis and Processing*, Florence, Italy, 17-19/9/97
- [IC6] D. Marini, A. Rizzi, "A computational approach to color illusion", *ICIAP97 9th International Conference on Image Analysis and Processing*, Florence, Italy, 17-19/9/97, pp. 62-70.
- [IC5] G. Bianco, R. Cassinis, A. Rizzi, "A Proposal for a Bee-inspired Autonomous Robot Navigation", robots@aec.at, Proceedings on the 1st Workshop on Teleoperation and Robotics Applications in Science and Arts, Linz, Austria, 6/6/97.
- [IC4] R. Cassinis, A. Rizzi, "A proposal for an insect vision inspired control for autonomous robot by an omnidirectional device", robots@aec.at, Proceedings on the 1st Workshop on Teleoperation and Robotics Applications in Science and Arts, Linz, Austria, 6/6/97.
- [IC3] R. Cassinis, D. Grana, A. Rizzi, "Using Colour Information in an Omnidirectional Perception System for Autonomous Robot Localization ", *EUROBOT96 First Euromicro Workshop on Advanced Mobile Robots '96*, Kaiserslautern, Germany, 9-11/10/96.
- [IC2] R. Cassinis, D. Grana, A. Rizzi, "Self Localization using an Omnidirectional Image Sensor", *SIRS96 Fourth International Symposium on Intelligent Robotic Systems '96*, Lisboa, Portugal, 22-26/7/96.
- [IC1] D. Marini, A. Rizzi, "Colour Constancy and Optical Illusions: a Computer Simulation with Retinex Theory", *ICIAP93 7th International Conference on Image Analysis and Processing*, Monopoli (Bari), Italy, 20-22/9/93.

Comunicazioni a conferenze internazionali senza atti

- [OI50] A. Rizzi, "A Physical-chemical model of color decay as input to a Perceptual Approach for the Restoration of Faded Films?", INdAM Workshop MACH2021 - Mathematical modeling and Analysis of degradation and restoration in Cultural Heritage, 13-15 September 2021, Rome (Italy).
- [OI49] A. Rizzi, J.J. McCann, "How do we measure visual response to light?", ECVP2021 European Conference on Visual Perception, 22-27 August 2021, online.
- [OI48] A. Plutino, G. Bottaro, A. Rizzi, "Media Vulnerability in Film restoration", MAGIS, International Film and Media Studies Spring School XVIII edition, Gorizia (Italy), 2020.
- [OI47] A. Plutino, A. Rizzi, "Film Restoration: Closing the Gap between Humanities and Hard Science", Science ABC, Università La Sapienza, Rome (Italy), 19-21 February 2020.
- [OI46] A. Plutino, A. Rizzi, "Paper recycling in schools, a super 8 film from Brescia, Italy", Orphan Film Symposium, 5th June 2020, online.
- [OI45] A. Rizzi, "New tools for a renewed interest on film restoration technical research", International Network Workshop - Film Archival and Curatorial Studies Master's Programs, Goethe Universitat, Frankfurt am Main, (Germany), 12-13 December 2019.
- [OI44] L. Turetti, J. Galli, A. Rossi, M.P. Lanaro, A. Rizzi, E. Fazzi, "Analisi delle funzioni visive di base mediante tecnologia di eye-tracking: studio pilota su un gruppo di pazienti con diagnosi di encefalopatia ipossico-ischemica", Forum Giovani Ricercatori SIRP, October 2019.
- [OI43] A. Rizzi, "Colour in images: garbage in garbage out?", Colour 2019 University of Leeds, Leeds, (UK), 29-30 July 2019.
- [OI42] E. Casiraghi, B. Vergani, B. Barricelli, S. Liberini, B.E. Leone, A. Rizzi, "Automatic quantification of histochemical images of cancerous tissue samples: a method based on a computational model of human color vision", Workshop on

- Interdisciplinary Aspects of Biomolecular Modelling, University of Milano, 26th June 2019.
- [OI41] A. Rizzi, M. Lecca, A. Plutino, "Designing a Cockpit for Image Quality Evaluation", Transactions: Imaging/Art/Science - Image Quality, Content and Aesthetics, University of Westminster, London (UK), 26th April 2019.
 - [OI40] A. Rizzi, A. Plutino "An alternative approach for movie digital color restoration", Imagine Math 7, Conference Mathematics and Culture, Ist. Veneto di Scienze, Lettere ed Arti, Palazzo Franchetti, Venezia, 29-31 Marzo 2019.
 - [OI39] A. Rizzi, "Alternative Methods for Digital Color Restoration", Fourth International Conference Colour in Film, BFI, London, February 25-27, 2019.
 - [OI38] A. Rizzi, "To trust or not to trust, this is the digit...", Workshop on Advanced Methods In Color Imaging (AMICI), 25 February 2016, Università Milano Bicocca, Milano.
 - [OI37] S. Cagiada, R. Pizzi, A. Rizzi, S. Sarioli, "Experimentation: effect of consciousness alteration on the perception of colors and gray levels and on stereoscopic vision", 14th European Congress of Psychology, 7-10 July 2015, Milano.
 - [OI36] A. Rizzi, "Spatial Color Algorithms: Milano Retinex and NASA Retinex", From Image Processing to Visual Neuroscience through the Retinex Theory of Color Workshop, Color and Imaging Conference (CIC22), Boston (USA), 7 Novembre 2014.
 - [OI35] A. Rizzi, J.J. McCann, "Glare and Neural Contrast: Scene content controls the neural contrast response", ECVP2012 European Conference on Visual Perception, 2-6 September 2012, Alghero, Italy.
 - [OI34] J.J. McCann, A. Rizzi, "Edges and gradients in real 3-D color scenes", ECVP2013 European Conference on Visual Perception, 2-6 September 2012, Alghero, Italy.
 - [OI33] J.J. McCann, A. Rizzi, "Ansel Adams Zone System: Techniques for rendering HDR scenes on LDR film media", 1st Visual Science of Art Conference, 1-2 September 2012, Alghero, Italy.
 - [OI32] A. Rizzi, "High Dynamic Range imaging: The good, the bad and the limits", Symposium All About Imaging, University of Westminster, Harrow Campus 30 Maggio 2012, Londra (UK).
 - [OI31] A. Rizzi, J.J. McCann, "Human vision limits as foundation of visual sensation", Science of Experiential and Qualitative Spaces Workshop: From Points and Lines to Surfaces and Volumes, 19-22 Febbraio 2012, Rovereto (TN).
 - [OI30] A. Rizzi, "HDR and UCS: Do HDR Techniques Require a New UCS Space?", ISCC/IS&T/SID Special Topics Meeting, Revisiting Color Spaces, associated with 19th Color and Imaging Conference (CIC19), November 12th 2011.
 - [OI29] A. Rizzi, "HDR limits and vision limits: the same problem", *Colorlab Workshop #3/2011 HDR imaging and Spatial Color Algorithms*, Norwegian Color Research Laboratory, Gjøvik University College, 23 Giugno 2011.
 - [OI28] G. Simone, G. Audino, I. Farup and A. Rizzi, "Termites: a New Implementation of Retinex based on a Colony of Intelligent Cooperating Agents", *Colorlab Workshop #3/2011 HDR imaging and Spatial Color Algorithms*, Norwegian Color Research Laboratory, Gjøvik University College, 23 Giugno 2011.
 - [OI27] A. Sole, A. Rizzi, "Appearance of an HDR calibrated scene", *Colorlab Workshop #3/2011 HDR imaging and Spatial Color Algorithms*, Norwegian Color Research Laboratory, Gjøvik University College, 23 Giugno 2011.
 - [OI26] S. Rasheed, C. Bonanomi, D. Gadia, A. Rizzi, D. Marini "EEG analysis of RGB Color Stimuli", *Colorlab Workshop #4/2010 Investigating visual issues in image processing using EEG*, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2010.
 - [OI25] A. Rizzi, "Capturing real word with fake images", CREATE, *Masterclass into colour, appearance and lighting*, University of the West of England, Bristol (UK), 25 –29 Ottobre 2010.
 - [OI24] A. Rizzi, "From physical to perceptual digital colour restoration: the role of spatial color computation", *Colorlab Workshop #2/2009 Innovative approaches for colour digital movie restoration*, Norwegian Color Research Laboratory, Gjøvik University College, 28 Novembre 2009.
 - [OI23] I. Farup, Ø. Kolås A. Rizzi, "The STRESS Algorithm", *Colorlab Workshop #2/2009 Innovative approaches for colour digital movie restoration*, Norwegian Color Research Laboratory, Gjøvik University College, 28 Novembre 2009.
 - [OI22] A. Rizzi, C. Parraman, J.J. McCann, "Measuring Colour Constancy and Colour Appearance: an Experiment", *MINET Conference: Measurements, Sensation and Cognition*, London, 10-12 Novembre 2009.

- [OI21] A. Rizzi, A. Sole, P. Nussbaum, "Color and lightness perception under different illuminations", *Gjøvik Color Imaging Symposium 2009*, Gjøvik (Norway), 19 Giugno 2009.
- [OI20] A. Rizzi, "The many ways to distort a colour: the long path from reality to perception", CREATE, *Communicating colour*, Veszprém (Hungary), 20-23 Maggio 2009.
- [OI19] A. Rizzi, "Standard digital imaging and high dynamic range imaging", *Dynamic range of light, contrast and perception in digital images, Colorlab Workshop #7/2008*, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2008.
- [OI18] A. Rizzi, J.J. McCann, I. Farup, "Retinal signal in HDR images", *Dynamic range of light, contrast and perception in digital images, Colorlab Workshop #7/2008 Dynamic range of light, contrast and perception in digital images*, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2008.
- [OI17] P. Nussbaum, S. Aditya, A. Rizzi, "Capturing and seeing HDR visual information", *Dynamic range of light, contrast and perception in digital images, Colorlab Workshop #7/2008*, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2008.
- [OI16] C. Parraman, J.J. McCann, A. Rizzi, "The Art and Science of colour: Bridging the gap between art and perception", CHArt Conference 2008: 'Seeing... Vision and Perception in a Digital Culture', London, November 6th-7th, 2008.
- [OI15] C. Parraman, A. Rizzi, J.J. McCann, "Mapping HDR luminance for colour appearance: an experiment", CREATE, *New Ways to use Print Technology*, University of the West of England, Bristol (UK), 13 –17 Ottobre 2008.
- [OI14] A. Rizzi, "Possible links between eye movement and locality in spatial color algorithms", per il Vision, Imaging and Eye Movements workshop, organizzato dal Norwegian Color Research Laboratory, Gjøvik University College, 30 Aprile, 2008.
- [OI13] A. Rizzi, "Open problems in perceptual imaging", *Putting the human back into colour*, CREATE, Charleville- Mézières, Ardennes, France, 21-24 Febbraio 2008.
- [OI12] A. Rizzi, "Human Visual Perception and Spatial Models of Colour", *Collaborate - Innovate - Create - Managing Colour in Digital Processes & the Arts*, CREATE, Bristol School of Art Media and Design, University of the West of England, Bristol, 18-20 Settembre 2007.
- [OI11] A. Rizzi, M. Pezzetti, J.J. McCann, "Measuring the visible range of High Dynamic Range Images", *ECVP07, European Conference on Visual Perception*, Arezzo, agosto 2007.
- [OI10] J.J. McCann, A. Rizzi, "Limits of HDR Images: Image Capture and Image Display", *Color Imaging Conference 2006 - Late Breaking News section*, Scottsdale, 6-10 novembre, 2006.
- [OI9] A. Rizzi, "Digital colour film restoration between physics and appearance", *Digital Futures 2006 Imaging, Archives and Collections symposium, Royal Photographic Society*, Londra, 31 Ottobre, 2006.
- [OI8] J.J. McCann, A. Rizzi, "Optical veiling glare limitations to in-camera scene radiance measurements", *ECVP06, European Conference on Visual Perception*, San Pietroburgo (Russia), agosto 2006.
- [OI7] A. Rizzi, "A human color perception model for film unsupervised digital restoration", The Mathematics and Art of Film Editing and Restoration, IMA, Minneapolis, 6-10 febbraio 2006.
- [OI6] I. Farup, A. Rizzi, C. Gatta, "Spatial Gamut Mapping", *Gjøvik Color Imaging Symposium 2005*, Gjøvik (Norway), 30 Novembre-1 Dicembre 2005.
- [OI5] T. Agostini, A. Galmonte, A. Rizzi (2005). "A tool for the estimate of spatial articulation on lightness", Projected Perception. At the Edge of Natural and Artificial Reality and Abstraction., Bolzano, settembre 2005.
- [OI4] A. Galmonte, T. Agostini, A. Rizzi, "Predicting the effect of spatial articulation on lightness", *ECVP05, European Conference on Visual Perception*, La Coruna (Spain), 22-26 Agosto 2005.
- [OI3] A. Rizzi, "Computational models of color perception: characteristics and applications", *Representation of reality by brain and machines; crossed views from neurosciences and computer vision*, Montevideo (Uruguay), Novembre 2004.
- [OI2] A. Rizzi, J.J. McCann "Contrast effects and local white distribution", *ECVP03, European Conference on Visual Perception*, Paris, 1-5 September 2003.
- [OI1] A. Rizzi, C. Gatta, D. Marini "Experiments on new contrast patterns", *ECVP2001, European Conference on Visual Perception*, Kusadasi (Turkey) 26-30/8/2001.

Articoli a conferenze nazionali con atti

- [NC53] S. Liberini, R. Suardi, A. Rizzi, G. Negretti, "Assessment of base color influence on the chromatic appearance of hair colorants", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.
- [NC52] L. Armellin, A. Plutino, A. Rizzi, "Online games for colour deficiencies data collection", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.
- [NC51] R. Eschbach, A. Plutino, L. Armellin, A. Rizzi, "The gray side of Ishihara bubbles", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.
- [NC50] A. Maffia, L. Silva, A. Rizzi, "Problemi aperti relativi all'uso dei colori nella didattica della matematica", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.
- [NC49] S. Scipioni, C.A. Lombardi, L. Giuliani, A. Plutino, A. Rizzi, "Verso una più ampia comprensione del daltonismo: un test sulla discriminazione di colori in scene complesse", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
- [NC48] M.F. Gaspani, P.R. Spada, A. Plutino, A. Rizzi, "Un film in un frame: studio sulle variazioni cromatiche in film e video digitali", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
- [NC47] F. Barenghi, M. Bittante, N. Del Longo, C. Mangano, A. Plutino, A. Rizzi, "Uno studio sull'associazione colori, termini ed emozioni, basato sui colori primari di Luscher", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
- [NC46] M. Cereda, A. Rizzi, A. Plutino, "Quick Gamut mapping per la color correction", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
- [NC45] B. Sarti, A. Plutino, A. Rizzi, "Glare ottico nelle immagini iperspettrali", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
- [NC44] S. Liberini, P. Paglierani, A. Rizzi, F. Valan, "On the uncertainty of interpolated Munsell data", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
- [NC43] S. Liberini, P. Paglierani, A. Rizzi, "Checking a Masterpiece of Colour Science: The Munsell Book of Color", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
- [NC42] S. Liberini, A. Avolio, N. Travaglini, A. Rizzi, "Misure Spettrali di Capelli Tinti", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
- [NC41] E. Casiraghi, B. Vergani, B. Barricelli, S. Liberini, B.E. Leone, A. Rizzi, "Ruolo del colore nello sviluppo di un sistema automatico per l'analisi di immagini istologiche di tessuto tumorale", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
- [NC40] L. Grechi, A. Plutino, A. Rizzi, "Valutazione della differenza cromatica percepita sotto diversi illuminanti", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
- [NC39] M.P. Lanaro, A. Pezzotta, M. Pessotto, A. Rizzi, "Fidarsi o no del ColorChecker?", Quattordicesima Conferenza del Colore, Milano, 11-12 September 2018.
- [NC38] S. Valtolina, B.R. Barricelli, A. Rizzi, M. Diani, M. Medugno, "Participatory Design and ICT for Fostering ADHD Students' Inclusion", CHItaly 18-20 september 2017, Cagliari.
- [NC37] M. Lecca, A. Rizzi, G. Gianini, "Random Spray Retinex and its variants STRESS and QBRIX: Comparison and Experiments on Public Color Images", Dodicesima Conferenza del Colore, Torino, 8-9 settembre 2016.
- [NC36] M. Rossi, A. Siniscalco, A. Rizzi, C. Bonanomi, "Teaching color: the Master in Color Design and Technology", Undicesima Conferenza del Colore, Milano, 10-11 settembre 2015.
- [NC35] G. Simone, D. Gadia, A. Rizzi, "Termite Retinex: a novel implementation from swarm intelligence", Decima Conferenza del Colore, Genova, 11-12 settembre 2014.
- [NC34] A. Rizzi, C. Bonanomi, D. Gadia, G. Riopi, "YACCD2: Yet Another Color Constancy Database Updated", Nona Conferenza del Colore, Firenze, 19-20 settembre 2013.
- [NC33] S. Fumagalli, C. Bonanomi, A. Rizzi, "Un esperimento di valutazione soggettiva dell'indice di resa cromatica", Nona Conferenza del Colore, Firenze, 19-20 settembre 2013.
- [NC32] E. Calore, C. Bonanomi, D. Gadia, A. Rizzi, "Test di un colorimetro open hardware", Nona Conferenza del Colore, Firenze, 19-20 settembre 2013.

- [NC31] O. Stopazzolo, C. Bonanomi, D. Gadia, A. Rizzi, "Un confronto tra algoritmi di demosaicing per Color Filter Array", *Ottava Conferenza del Colore*, Bologna, 13-14 settembre 2012.
- [NC30] A.J. Berolo, S. Brivio, D. Sabatini, A. Rizzi, "Il restauro del colore de 'La lunga calza verde' ", *Ottava Conferenza del Colore*, Bologna, 13-14 settembre 2012.
- [NC29] G. Simone, G. Audino, I. Farup, A. Rizzi, "Termite Retinex: A Novel Implementation based on a Colony of Agents", *WIVACE 2012* (Workshop Italiano di Vita Artificiale e Computazione Evolutiva), Parma, 20-21 febbraio 2012.
- [NC28] S. Rasheed, D. Gadia, A. Rizzi, D. Marini, "Event-related Spectral Analysis of Brain Response produced by Colors Exposed in Multiple Shapes", *Settima Conferenza del Colore (SIOF)*, Roma, 15-16 settembre 2011.
- [NC27] S. Fumagalli, F. Bisegna, C. Bonanomi, S. Rasheed, A. Rizzi, M. Rossi, "L'indice di resa cromatica: misura base ed approcci innovativi", *Settima Conferenza del Colore (SIOF)*, Roma, 15-16 settembre 2011.
- [NC26] D. Sabatini, A. Rizzi, "Il Restauro digitale del colore: esperimenti e confronti sulla memoria teatrale degli anni Settanta e Ottanta", *Settima Conferenza del Colore (SIOF)*, Roma, 15-16 settembre 2011.
- [NC25] C. Bonanomi, M. Gusmini, D. Marini, A. Rizzi, "An experiment to study the colour constancy behaviour in human observers and its algorithmic computation", *Settima Conferenza del Colore (SIOF)*, Roma, 15-16 settembre 2011.
- [NC24] S. Rasheed, C. Bonanomi, D. Gadia, A. Rizzi, D. Marini, "EEG Spectral analysis of Visual Evoked Potential Produced by RGB Color Stimuli", *Sesta Conferenza nazionale del Gruppo del Colore (SIOF)*, Lecce, 16-17 settembre 2010.
- [NC23] D. Gadia, D. Villa, C. Bonanomi, A. Rizzi, D. Marini, "Correzione locale del colore in immagini stereo", *Sesta Conferenza nazionale del Gruppo del Colore (SIOF)*, Lecce, 16-17 settembre 2010.
- [NC22] V. Bandiera, A. Rizzi, "Apparenza cromatica e color naming", *Sesta Conferenza nazionale del Gruppo del Colore (SIOF)*, Lecce, 16-17 settembre 2010.
- [NC21] C. Bonanomi, M. Gusmini, P. Carboni, A. Rizzi, D. Gadia, D. Marini, "Un esperimento per la quantificazione dell'apparenza di luminosità in contesti ad alta dinamica", *Sesta Conferenza nazionale del Gruppo del Colore (SIOF)*, Lecce, 16-17 settembre 2010.
- [NC20] E. Maccalli, A. Rizzi, "Color naming in età prescolare", *Quinta Conferenza nazionale del Gruppo del Colore (SIOF)*, Palermo, 7-9 ottobre 2009.
- [NC19] D. Gadia, G. Lasco, A. Rizzi, D. Marini, M.R. Antognazza, S. Perissinotto, G. Lanzani, "Nuovi esperimenti per una retina artificiale basata su semiconduttori organici", *Quinta Conferenza nazionale del Gruppo del Colore (SIOF)*, Palermo, 7-9 ottobre 2009.
- [NC18] C. Bonanomi, D. Villa, D. Marini, A. Rizzi, "Computazione dell'apparenza visiva di manifesti pubblicitari", *Quinta Conferenza nazionale del Gruppo del Colore (SIOF)*, Palermo, 7-9 ottobre 2009.
- [NC17] S. Zuffi, C. Brambilla, R. Eschbach, A. Rizzi, "Valutazione di immagini in condizioni controllate e non controllate di osservazione", *Quarta Conferenza nazionale del Gruppo del Colore (SIOF)*, Como, 17-19 Settembre 2008.
- [NC16] A. Rizzi, L. Gatti, A.J. Berolo, "Un approccio misto per il restauro digitale del colore di pellicole cinematografiche", *Quarta Conferenza nazionale del Gruppo del Colore (SIOF)*, Como, 17-19 Settembre 2008.
- [NC15] A. Rizzi, D. Gadia, D. Marini, M.R. Antognazza, S. Perissinotto, G. Lanzani, "Analisi della relazione tra sensibilità dei coni e colore nel contesto per una retina artificiale basata su semiconduttori organici", *Quarta Conferenza nazionale del Gruppo del Colore (SIOF)*, Como, 17-19 Settembre 2008.
- [NC14] C. Bonanomi, D. Marini, D. Villa, A. Rizzi, "Stima spettrale della composizione di inchiostri di stampa", *Quarta Conferenza nazionale del Gruppo del Colore (SIOF)*, Como, 17-19 Settembre 2008.
- [NC13] C. Balestrini, A. Rizzi, "Analisi della uniformità di stampa: alcuni casi esempio", *Quarta Conferenza nazionale del Gruppo del Colore (SIOF)*, Como, 17-19 Settembre 2008.
- [NC12] D. Marini, D. Gadia, C. Bonanomi, M. Rossi, A. Rizzi, "Il Teatro Virtuale dell'Università degli Studi di Milano: caratteristiche tecniche, fotometriche e cromatiche", *Terza Conferenza nazionale del Gruppo del Colore (SIOF)*, Torino, 24-26 Ottobre 2007.

- [NC11] S. Zuffi, R. Cereda, A. Rizzi, "Valutazione automatica di interventi di restauro del colore in opere cinematografiche", *Terza Conferenza nazionale del Gruppo del Colore (SIOF)*, Torino, 24-26 Ottobre 2007.
- [NC10] M.G. Strepparava, M.O. Harb, S. Russo, F. Zorzi, A. Madini, A. Rizzi, "Esperienze Reali in Mondi Virtuali. Modalità di Interazione ed Esperienze Emotive in una Chat 3D", 3° Convegno Nazionale AISC di Scienze Cognitive, Genova, 26-27 ottobre 2006.
- [NC9] R. Bonisoli, A. Rizzi, "Restauro digitale del colore: il caso de 'Il racconto della Stura'", *Seconda Conferenza nazionale del Gruppo del Colore (SIOF)*, Milano, 20-22 settembre 2006.
- [NC8] C. Oleari, G. Simone, A. Rizzi, "Un software didattico su fenomeni della visione a colori e per il calcolo e l'analisi colorimetrica", *Seconda Conferenza nazionale del Gruppo del Colore (SIOF)*, Milano, 20-22 settembre 2006.
- [NC7] C. Slanzi, A. Rizzi, "Restauro digitale del colore nelle pellicole cinematografiche: il caso de 'La ciudad en la playa'", *Prima Conferenza nazionale del Gruppo del Colore (SIOF)*, Pescara, 20-21 ottobre 2005.
- [NC6] A. Rizzi, C. Gatta, M. Maggiore, E. Agnelli, D. Ferrari, D. Negri, "Automatic Lightness and Color Adjustment of Visual Interfaces", *HCI-Italy 2003*, Torino (Italy), November 2003.
- [NC5] G. Civati, S. Vacchi, D. Marini, A. Rizzi, "Neo Euclide: un sistema per l'animazione digitale real-time", *MIMOS Virtuality 2002, Annual Virtual Reality Conference*, Torino, ottobre 2002.
- [NC4] C. Gatta, A. Rizzi, D. Marini, "ACE: equalizzazione cromatica per algoritmi di computer vision", *AI*IA 2002*, Siena, settembre 2002.
- [NC3] R. Cassinis, A. Rizzi, G. Bianco, N. Adami, P. Mosna, "A Biologically-Inspired Visual Homing Method for Robots", workshop AI*IA - IAPR-IC Tecniche di Intelligenza Artificiale e Pattern Recognition per la Visione Artificiale, Ferrara (Italy), 6-7/4/98.
- [NC2] R. Cassinis, D. Grana, A. Rizzi, "Uso del colore in un sistema omnidirezionale di localizzazione per robot autonomi", *5° Workshop AI*IA sulla Percezione*, Napoli, Italy, 26-28/9/96.
- [NC1] R. Cassinis, D. Grana, A. Rizzi, "A perception system for mobile robot localisation", *WAAP95 workshop congiunto su Apprendimento Automatico e Percezione*, Ancona, Italy, 22-23/6/95.

Comunicazioni a conferenze nazionali senza atti

- [ON36] A. Rizzi, A. Plutino, A. Mazzoni, L. Armellin, R. Marcucci, "Daltonismo: un nuovo approccio e nuovi esperimenti per uno screening alternativo", XXXII Convegno Nazionale AIMAS, Reggio Calabria 5-7 ottobre 2022.
- [ON35] A. Rizzi, B. Sarti, "Quanta sinestesia c'è in noi?", Dialoghi sulla sinestesia, secondo incontro: suono colore immagine, omaggio a Skrjabin nel 150mo della nascita, Conservatorio di musica F.A. Bonporti, Riva del Garda (Trento, Italy), 24/08/2022.
- [ON34] A. Rizzi, "Il colore nei capelli: quanto è difficile conciliare scienza e marketing?", Cosmo on stage Masterclass, Cosmoprof, Bologna (Italy), 02/05/2022.
- [ON33] A. Rizzi, L. Silva, A. Maffia, "Alcuni aspetti del daltonismo e sue possibili ricadute sui giochi da tavolo", Il ruolo delle immagini nel gioco: dall'estetica alla funzione, Game Science Research Center, online, 27/04/2022.
- [ON32] A. Rizzi, "Il lato oscuro del colore", Dialoghi sulla sinestesia, primo incontro: suono colore immagine, giornata di studi, Conservatorio di musica F.A. Bonporti, Riva del Garda (Trento, Italy), 25/06/2021.
- [ON31] A. Crespi, G. Morabito, A. Plutino, A. Rizzi, "Online Film Project: la catalogazione di pellicole come punto di partenza per il restauro cinematografico", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON30] R. Giola, I. Grignoli, S. Mauri, P.R. Spada, A. Plutino, A. Rizzi, "Pellicole UV e vetri oscuranti alle finestre: efficacia del metodo di conservazione di beni museali", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.

- [ON29] L. Cristina, A. Plutino, A. Rizzi, "I colori del viaggio dell'eroe: uno studio degli archetipi nei film", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON28] E. Benigni, A. Buttarelli, C. Donini, L. Valente, A. Plutino, A. Rizzi, "Analisi degli effetti dell'illuminazione museale sull'Automa con Testa di Diavolo, scultura lignea risalente al XVI-XVII secolo", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON27] A. Cattaneo, B. Sarti, A. Plutino, A. Rizzi, "Identificazione e conservazione delle pellicole fotografiche a colori della seconda metà del XX secolo", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON26] A. Cairoli, A. Plutino, A. Rizzi, "Un protocollo di digitalizzazione per i negativi della sotto-serie "Cinema" del fondo "La Notte"", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
- [ON25] A. Rizzi, A. Plutino, "Sulle condizioni di somministrazione del test di Luscheri", Seminario internazionale Luscher test, Padova, 11/05/2019.
- [ON24] A. Plutino, A. Rizzi, "Algorithms for Film Digital Restoration: Unsupervised Approaches for Film Frames Enhancement", Udine / Gorizia FilmForum 2019, XXVI Convegno Internazionale di Studi sul Cinema, XXVI International Film and Media Studies Conference, Gorizia, 21-23 marzo 2019 / March 21st-23rd 2019, Gorizia, 2019.
- [ON23] M. Rossini, L. Grechi, A. Plutino, A. Rizzi, "Illuminazione museale: confronto tra indici di resa cromatica e percezione visiva", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
- [ON22] G. Bottaro, A. Plutino, A. Rizzi, "La catalogazione di materiali audiovisivi: valutazione di diversi standard a partire dall'esperienza presso l'archivio Cinescatti e proposta di una nuova scheda di catalogazione", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
- [ON21] A. Brivio, A. Plutino, A. Rizzi, "I colori di "Toute une nuit": analisi e confronto tra metodi di restauro manuali e automatici", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
- [ON20] A. Mantoan, A. Plutino, A. Rizzi, "Gamut mapping di pigmenti pittorici nella storia", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
- [ON19] A. Rizzi, M.P. Lanaro, A. Plutino, S. Liberini, G. Simone, S. Bellotti, "MIPS Lab", CVPL 2018, 30-31 Agosto, Vico Equense (NA).
- [ON18] S. Valtolina, B. Barricelli, A. Rizzi, "Valutazione dell'usabilità della gestione elettronica del triage in situazioni di emergenza", XXVIII Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Milano, 1-3 Luglio 2015.
- [ON17] A. Rizzi, S. Cagiada, R. Pizzi, C. Bonanomi "Percezione della dinamica di luminosità sotto ipnosi", Congressino 2015, Univ. di Trieste, 26-27/06/15 Ipplis (UD).
- [ON16] A. Rizzi, "Di cosa parliamo quando parliamo di immagini", Congressino 2015, Univ. di Trieste, 26-27/06/15 Ipplis (UD).
- [ON15] A. Rizzi, C. Bonanomi, D. Gadia, "Fattori contestuali ed aicontestuali nel computo dell'indice di resa cromatica", Workshop CIE Italia: Verso un nuovo indice di resa cromatica: problemi aperti e possibili direzioni di ricerca, Milano, 19 Novembre 2014.
- [ON14] A. Rizzi, "Modifiche al test di Ishihara", XXVII Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Siracusa, 28-30 Maggio 2014.
- [ON13] A. Rizzi, "Un approccio percettivo al restauro del colore", Chroma - giornata di studi sull'immagine a colori tra cinema e media, Università degli Studi di Firenze, plesso didattico di Santa Verdiana, 18 September 2013.
- [ON12] S. Valtolina, A. Rizzi, "Ergonomia Cognitiva e Visuale per un cockpit di aeromobile", XXVI Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Città del Vaticano, 11-14 Settembre 2013.
- [ON11] A. Rizzi, "Problemi aperti nella modellizzazione del segnale retinale", Workshop Funzione Visiva e Attività di Volo, Centro Sperimentale di Volo dell'aeronautica

Militare , Reparto Medicina e Aeronautica Spaziale, Aeroporto Pratica di Mare, 27 Maggio 2013.

- [ON10] A. Rizzi, "Test per la valutazione dell'indice di resa cromatica", Workshop Caratterizzazione Sorgenti Led e Indice di Resa Cromatica, Società Italiana di Ottica e Fotonica (SIOF), Firenze, 8 Maggio 2013.
- [ON9] A. Rizzi, "Un nuovo approccio ai modelli di visione", Giornata Scientifica di AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Ariccia, 7 Dicembre 2012.
- [ON8] A. Rizzi, "Problemi aperti nella modellizzazione del segnale retinale", XXV Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Bari, 14-16 Giugno 2012.
- [ON7] A. Rizzi, J.J. McCann, " Dinamica, gradienti e abbagliamento: del come i pittori del rinascimento avevano già capito tutto", Congressino 2009, Univ. di Trieste, 12-13/06/09 Medana (Slovenia).
- [ON6] T. Agostini, A. Rizzi, A. Galmonte, G. Righi, A. Gherzil, A. Schepis, "Un modello per la previsione degli effetti dell'articolazione percettiva", Congresso annuale Associazione Italiana di Psicologia, Sezione di Psicologia Sperimentale, Como, 17-19 Settembre 2007.
- [ON5] A. Rizzi, A. Moretti, D. Gadia, D. Marini, "L'informazione spettrale e il colore percepito", Congressino 2006, Univ. di Trieste, 16-17/06/06 Medana (Slovenia).
- [ON4] A. Rizzi, T. Agostini, D. Marini, "Metodologie di analisi in ergonomia cognitiva: una proposta per l'uso di modelli computazionali del sistema visivo", Giornata di studio della Società Italiana di Ergonomia (SIE) e del Centro Ricerche FIAT (CRF) sul tema: L'ergonomia come fattore di sviluppo delle imprese, delle organizzazioni e dell'innovazione tecnologica, Torino (Italy), 11 Giugno 2004.
- [ON3] A. Rizzi, D. Marini, D. Lenza, B. Piacentini, M. Fierro, "Perché un modello computazionale della percezione visiva?", Congressino 2003, Univ. di Trieste, Medana (Slovenia).
- [ON2] D. Marini, A. Rizzi, C. Gatta, " Equalizzazione colore globale e locale nel rispetto dell'apparenza cromatica ", Convegno GIRPR 2002, Verona, 17-18/6/02.
- [ON1] A. Rizzi, D. Marini, C. Gatta, "Verso un modello computazionale della percezione visiva", Congressino 2002, Univ. di Trieste, Medana (Slovenia), 30/5-1/6/02.

Lavori scientifici in ordine cronologico

1992

1. A. Rizzi, "Simulazione numerica e grafica del modello Retinex di percezione del colore", tesi di laurea in Scienze dell'Informazione, presso l'Università degli Studi di Milano, relatore prof. Daniele Marini, corelatore prof. Giovanni Crosta, 21 dicembre 1992.

1993

2. D. Marini, A. Rizzi, "Colour Constancy and Optical Illusions: a Computer Simulation with Retinex Theory", ICIAP93 7th International Conference on Image Analysis and Processing, Monopoli (Bari), Italy, 20-22/9/93.

1995

3. R. Cassinis, D. Grana, A. Rizzi, "A perception system for mobile robot localisation", WAAP95 workshop congiunto su Apprendimento Automatico e Percezione, Ancona, Italy, 22-23/6/95.
4. D. Marini, L. Marini, A. Rizzi, "Towards a Computational Model of Colour Perception", Internal Report, DSI-Unimi (1995).
5. D. Marini, L. Marini, A. Rizzi, "Retinex, un modello computazionale per lo studio del colore", PIXEL, pp 5-9, Vol 12, 1995.

1996

6. R. Cassinis, D. Grana, A. Rizzi, "Self Localization using an Omnidirectional Image Sensor", SIRS96 Fourth International Symposium on Intelligent Robotic Systems '96, Lisboa, Portugal, 22-26/7/96.
7. R. Cassinis, D. Grana, A. Rizzi, "Uso del colore in un sistema omnidirezionale di localizzazione per robot autonomi", 5° Workshop AI*IA sulla Percezione , Napoli, Italy, 26-28/9/96.
8. R. Cassinis, D. Grana, A. Rizzi, "Using Colour Information in an Omnidirectional Perception System for Autonomous Robot Localization ", EUROBOT96 First Euromicro Workshop on Advanced Mobile Robots '96, Kaiserslautern, Germany, 9-11/10/96.
9. R. Cassinis, D. Grana, A. Rizzi, "A perception system for mobile robot localisation ", Machine Learning and Perception, series in Machine Perception Artificial Intelligence vol.23, World Scientific, Singapore, 1996, ISBN 981-02-2642-X.

1997

10. G. Bianco, R. Cassinis, A. Rizzi, "A Proposal for a Bee-inspired Autonomous Robot Navigation", robots@aec.at, Proceedings on the 1st Workshop on Teleoperation and Robotics Applications in Science and Arts, Linz, Austria, 6/6/97.

11. R. Cassinis, A. Rizzi, "A proposal for an insect vision inspired control for autonomous robot by an omnidirectional device", robots@aec.at, Proceedings on the 1st Workshop on Teleoperation and Robotics Applications in Science and Arts, Linz, Austria, 6/6/97.
12. R. Cassinis, A. Rizzi, M. Volta, S. Alberici, M. Gentili, "Result and Comparison for a Self-Localization System Based on an Optical Pre-Processing Device", R.T. 199705-13, Giugno 1997, DEA-Unibs.
13. C. Colombo, A. Rizzi, I. Genovesi, "Histogram Families for Color-Based Retrieval in Image Databases", ICIAP97 9th International Conference on Image Analysis and Processing, Florence, Italy, 17-19/9/97
14. D. Marini, A. Rizzi, "A computational approach to color illusion", ICIAP97 9th International Conference on Image Analysis and Processing, Florence, Italy, 17-19/9/97
15. G. Bianco, R. Cassinis, A. Rizzi, N. Adami, P. Mosna, "A Bee-Inspired Robot Visual Homing Method", EUROBOT97 Second Euromicro Workshop on Advanced Mobile Robots '97, Brescia, Italy, 22-24/10/97.
16. R. Cassinis, D. Grana, A. Rizzi, V. Rosati, "Robustness Characteristics of POLLICINO System for Autonomous Robot Self-Localization", EUROBOT97 Second Euromicro Workshop on Advanced Mobile Robots '97, Brescia, Italy, 22-24/10/97.
17. D. Marini, A. Rizzi, "Non-Supervised Chromatic Illuminant Corrector for Autonomous Robots", EUROBOT97 Second Euromicro Workshop on Advanced Mobile Robots '97, Brescia, Italy, 22-24/10/97.
18. M. Prandini, A. Rizzi, C. Silvano, "PGP (Pretty Good Privacy) per la crittografia e la firma elettronica", R.T. 199711-15, Novembre 1997, DEA-Unibs.

1998

19. R. Cassinis, A. Rizzi, M. Volta, "Result and Comparisons for a Self-Localization System Based on an Optical Pre-Processing Device", IFAC workshop on Intelligent Components for Vehicles (ICV98), Seville (Spain) 23-24/3/98.
20. R. Cassinis, A. Rizzi, G. Bianco, N. Adami, P. Mosna, "A Biologically-Inspired Visual Homing Method for Robots", workshop AIIA - IAPR-IC Tecniche di Intelligenza Artificiale e Pattern Recognition per la Visione Artificiale, Ferrara (Italy), 6-7/4/98.
21. A. Rizzi, G. Bianco, R. Cassinis, "A Bee-Inspired Visual Homing Using Color Images", Robotics and Autonomous Systems 25 (98), pp. 159-164.

1999

22. D. Marini, A. Rizzi, C. Carati, "Color Constancy Effects Measurement of the Retinex Theory", E199, IS&T/SPIE's Electronic Imaging 1999, San Jose', California (USA), 23-29/1/99
23. A. Rizzi, "Sistemi visuali di supporto alla navigazione di robot autonomi", tesi di Dottorato di Ricerca in Ingegneria dell'Informazione, supervisore prof. Riccardo Cassinis, 1 marzo 1999.
24. R. Cassinis, A. Rizzi, "Design Issues for a Goalkeeper Robot", IJCAI-99, third international Robocup Workshop, Sweden, 31/7-1/8/99
25. G. Bianco, A. Rizzi, R. Cassinis, N. Adami, "Guidance principle and robustness issues for a biologically-inspired visual homing", EUROBOT99 Third Euromicro Workshop on Advanced Mobile Robots '99, Zurich, Switzerland, September 6-8, 1999
26. A. Rizzi, "Il colore dalla visione alla elaborazione informatica", Brescia Ricerche, N. 28, settembre 1999.
27. D. Marini, A. Rizzi, M. Rossi, "Color Constancy Measurement for Synthetic Image Generation", Journal of Electronic Imaging, Vol. 8, N.4, October 1999, pp.394-403.

2000

28. D. Marini, A. Rizzi, "A Color Appearance Approach to Image Database Visual Retrieval", EI2000, IS&T/SPIE's Electronic Imaging 2000, San Jose', California (USA), 24-28/1/2000.
29. A. Rizzi, D. Duina, S. Inelli, R. Cassinis, "Unsupervised Matching of Visual Landmarks for Robotic Homing using Fourier-Mellin Transform", IAS-6 Int. Conf. On Intelligent and Autonomous Systems, Venezia, 25-27 luglio 2000.
30. R. Cassinis, A. Rizzi, "Design Issues for a Robocup Goalkeeper", "Robocup-99 Robot Soccer World Cup III", Ed. Manuela Veloso, Lecture Notes in Computer Science, Springer-Verlag.
31. D. Marini, A. Rizzi, L. De Carli, "Multiresolution retinex: comparison of algorithms", CGIP'2000, First International Conference on Color in Graphics and Image Processing, October 1-4, 2000 - Saint-Etienne, FRANCE.
32. D. Marini, A. Rizzi, "A Computational Approach to Color Adaptation Effects", Image and Vision Computing, Vol. 18 (13), October 2000.
33. G. Bianco, A. Rizzi, "Chromatic adaptation pre-filtering effect on visual based motion strategies", accettato a IROS2000, IEEE/RSJ International Conference on Intelligent Robots and Systems, October 30 - November 5, 2000, Kagawa University, Takamatsu, Japan

2001

34. M. Rossi, D. Marini, A. Rizzi, " Photorealistic Rendering over the Internet for Restoration Support of Ancient Buildings ", Electronic Imaging 2001, 20-26 January 2001, San Jose, California USA.
35. G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "On prefiltering with retinex in color image retrieval", Electronic Imaging 2001, 20-26 January 2001, San Jose, California USA.
36. D. Marini, A. Rizzi, M. Rossi, "Color Appearance for Photorealistic Image Synthesis", Electronic Imaging 2001, 20-26 January 2001, San Jose, California USA.
37. A. Rizzi, R. Cassinis, "A Robot Self-Localization System Based on Omnidirectional Color Images", Robotics and Autonomous Systems, Vol. 34 (2001), pp. 23-38.
38. A. Rizzi, C. Gatta, D. Marini "Experiments on new contrast patterns", Note del Polo – Ricerca N.40, Rapporto Interno Università di Milano, Polo di Ricerca di Crema, luglio 2001.
39. A. Rizzi, D. Duina, S. Inelli, R. Cassinis "A Novel Visual Landmark Matching for a Biologically Inspired Homing", Pattern Recognition Letters Vol 22 (13), Nov 2001, pp.1371-1378.
40. M. Rossi, A. Rizzi, "Luce, percezione, colore", in Realtà virtuale per il Design. Il progetto della luce nel laboratorio digitale, Ed. Poli.Design, Milano, 2001.
41. A. Rizzi, C. Gatta, D. Marini "Experiments on new contrast patterns", ECVP2001, European Conference on Visual Perception Kusadasi (Turkey) 26-30/8/2001.
42. M. Rossi, D. Marini, A. Rizzi, "Chromatic Adaptation Post-Filtering in Image Synthesis Reproduction of Ancient Building for Restoration Support", ICHIM2001, Cultural Heritage and Technologies in the Third Millennium, Milano, 3-7 settembre 2001.
43. G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "Color Based Image Retrieval of Uncalibrated Images", CBMI2001 Second International IEEE Workshop on Content Based Multimedia and Indexing, Brescia, 19-21 settembre 2001.
44. M. Rossi, A. Rizzi, "Lo spettro di potenza della luce nella sintesi delle immagini al computer", Rapporto Interno DSI N. 269-01, Università di Milano, ottobre 2001.
45. D. Marini, A. Rizzi, "An Algorithm for Unsupervised Color Correction of Digital Pictures", ST Journal of System Research, Vol. 2, N. 1, December 2001.

2002

46. D. Marini, M. Bertolo, A. Rizzi, "Comunicazione Visiva Digitale: fondamenti di eidomatica", Addison Wesley, Milano, 2002.

47. G. Bianco, A. Rizzi, "Chromatic Adaptation for Robust Visual Navigation", Advanced Robotics, Volume 16, Number 3, 2002.
48. D. Marini, A. Rizzi, M. Rossi, "Post-filtering for Color Appearance in Synthetic Images Tone Reproduction", Electronic Imaging 2002, 20-25/01/02, S. Josè, California (USA).
49. A. Rizzi, C. Gatta, D. Marini, "Color Correction between Gray World and White Patch", Electronic Imaging 2002, 20-25/01/02, S. Josè, California (USA).
50. C. Gatta, A. Rizzi, D. Marini, "ACE: an Automatic Color Equalization algorithm" CGIV02 the First European Conference on Color in Graphics Image and Vision, 2-5/4/2002, Poitiers (France).
51. D. Calabi, A. Rizzi, "Interfacce umane per mondi artificiali", Disegno e Design Digitale, Num. 2, apr/giu 2002, Anno 1, ed. Poli.Desing (Politecnico di Milano).
52. A. Rizzi, D. Marini, C. Gatta, "Verso un modello computazionale della percezione visiva", Congressino 2002, Univ. di Trieste, Medana (Slovenia), 30/5-1/6/02.
53. D. Marini, A. Rizzi, C. Gatta, "Equalizzazione colore globale e locale nel rispetto dell'apparenza cromatica", Convegno GIRPR 2002, Verona, 17-18/6/02.
54. A. Rizzi, C. Gatta, "A Local Linear LUT method for increasing the speed of generic image filtering algorithms", Note del Polo – Ricerca N.43, Rapporto Interno, Università di Milano, Polo di Ricerca di Crema, luglio 2002.
55. R. Cassinisi, D. Duina, S. Inelli, A. Rizzi, "Unsupervised matching of visual landmarks for robotic homing using Fourier-Mellin transform", Robotics and Autonomous Systems, Vol. 40 (2002) Issue 2-3, pp. 131-138.
56. A. Rizzi, R. Cassinisi, N. Serana "Neural Networks for Autonomous Path-Following with an Omnidirectional Image Sensor", Neural Computing & Applications, 11 (2002) 1, pp. 45-52.
57. C. Gatta, A. Rizzi, D. Marini, "ACE: equalizzazione cromatica per algoritmi di computer vision", AI*IA 2002, Siena, settembre 2002.
58. G. Civati, S. Vacchi, D. Marini, A. Rizzi, "Neo Euclide: un sistema per l'animazione digitale real-time", MIMOS Virtuality 2002, Annual Virtual Reality Conference, Torino, ottobre 2002.
59. D. Marini, A. Rizzi, C. Gatta, "Digital Color Images and Local Color Correction" Optics in Computing, 14-17 Oct. 2002, St.Petersburg.
60. D. Marini, A. Rizzi, M. Rossi, "Color Appearance for Photorealistic Image Synthesis", selezionato per Selected SPIE Papers on CD-ROM, Volume 24. Color Imaging: Device-Independent Color, Color Hard Copy, and Graphic Arts, Ottobre 2002.
61. D. Marini, A. Rizzi, C. Carati, "Color Constancy Effects Measurement of the Retinex Theory", selezionato per Selected SPIE Papers on CD-ROM, Volume 24. Color Imaging: Device-Independent Color, Color Hard Copy, and Graphic Arts, Ottobre 2002.
62. A. Rizzi, D. Marini, L. De Carli, "LUT and Multilevel Brownian Retinex Colour Correction", Machine Graphics and Vision, volume 11, no.2/3, 2002.

2003

63. A. Rizzi, C. Gatta, D. Marini, "YACCD: Yet Another Color Constancy Database", Electronic Imaging 2003, 21-24/01/03, pp. 24-35, Vol. 5008, S. Clara, California (USA).
64. M. Chambah, A. Rizzi, C. Gatta, B. Besserer, D. Marini, "Perceptual approach for unsupervised digital color restoration of cinematographic archives", Electronic Imaging 2003, 21-24/01/03, S. Clara, California (USA).
65. G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "Retinex Preprocessing of Uncalibrated Images for Color Based Image Retrieval", Journal of Electronic Imaging, Vol 12(1), pp. 161-172, 2003.
66. G. Ciocca, D. Marini, A. Rizzi, R. Schettini, S. Zuffi, "Retinex Preprocessing of Uncalibrated Images for Color Based Image Retrieval", selezionato per Virtual Journal of Biological Physics Research, February 2003.
67. D. Marini, A. Rizzi, C. Gatta, D. Gadia, D. Selmo, M. Rossi, "Unsupervised Simultaneous Tone Reproduction and Color Recovery of High Dynamic Range Images", Note del Polo – Ricerca N.49, Rapporto Interno, Università di Milano, Polo di Ricerca di Crema, marzo 2003.
68. S. Vacchi, G. Civati, D. Marini, A. Rizzi, "A Real-Time System for Gesture Generation and Mapping", V International Gesture Workshop GW2003, Genova, Aprile 2003.

69. A. Rizzi, D. Marini, D. Lenza, B. Piacentini, M. Fierro, "Perché un modello computazionale della percezione visiva?", Congressino 2003, Univ. di Trieste, Medana (Slovenia), 30/5-1/6/02.
70. A. Rizzi, A. Moretti, "De Colorum Natura", DDD Disegno e Design Digitale, Anno 2, Num. 6, apr/giu 2003, ed. Poli-Design (Politecnico di Milano).
71. A. Rizzi, C. Gatta, F. Taraschi, M. Zanardini, M. Abbiati, "Un algoritmo per la valutazione percettiva delle interfacce visuali", DDD Disegno e Design Digitale, ed. Poli-Design (Politecnico di Milano), Anno 2, Num. 7 apr/giu 2003.
72. A. Rizzi, C. Gatta, D. Marini, "A New Algorithm for Unsupervised Global and Local Color Correction", Pattern Recognition Letters, Vol 24 (11), pp. 1663-1677, Luglio 2003.
73. A. Rizzi, L. Rovati, D. Marini, F. Docchio, "Unsupervised Corrections of Unknown Chromatic Dominants using a Brownian Paths Based Retinex Algorithm", Journal of Electronic Imaging, Vol 12(3), Luglio 2003, pp. 431-441.
74. D. Marini, A. Artusi, A. Rizzi, "Il problema della rappresentazione di una immagine nell'ambito dei beni culturali", in "La comunicazione multimediale per i beni culturali", a cura di M. Rossi e P. Salonia, pp. 221-238, Ed. Addison Wesley, 2003, ISBN 88-7192-176-3.
75. A. Rizzi, J.J. McCann, "Contrast effects and local white distribution", ECVPO3, European Conference on Visual Perception, Paris, 1-5 September 2003.
76. A. Rizzi, M Bisson ed., "ColoRevolution", DDD Disegno e Design Digitale, Num. 6, apr/giu 2003, ed. Poli-Design (Politecnico di Milano).
77. A. Rizzi, C. Gatta, M. Maggiore, E. Agnelli, D. Ferrari, D. Negri, "Automatic Lightness and Color Adjustment of Visual Interfaces", HCI-Italy 2003, Torino (Italy), November 2003.
78. J.J. McCann, A. Rizzi, "The Spatial Properties of Contrast", Color Imaging Conference 2003, Scottsdale (Arizona – USA), November 2003.

2004

79. M. Chambah, A. Renouf, D. Semani, P. Courtellemont A. Rizzi, "Underwater color constancy : enhancement of automatic live fish recognition", Electronic Imaging 2004, S.Josè (California – USA), gennaio 2004.
80. A. Rizzi, M. Chambah , D. Lenza, B. Besserer, D. Marini, "Tuning of perceptual technique for digital movie color restoration", Electronic Imaging 2004, S.Josè (California – USA), gennaio 2004.
81. C. Gatta, S. Vacchi, D. Marini, A. Rizzi "Proposal for a New Method to speed up Local Color Correction Algorithms", Electronic Imaging 2004, S.Josè (California – USA), gennaio 2004.
82. A. Rizzi, C. Gatta, B. Piacentini, M. Fierro, D. Marini, "A human visual system inspired tone mapping algorithm for HDR images", Electronic Imaging 2004, S.Josè (California – USA), gennaio 2004.
83. A. Rizzi, C. Gatta, D. Marini, "From Retinex to Automatic Color Equalization: issues in developing a new algorithm for unsupervised color equalization", Journal of Electronic Imaging, Vol. 13, No. 1, January 2004, pp. 75-84.
84. D. Marini, A. Rizzi, M. Rossi, "Post-Filtering for Color Appearance in Synthetic Images Visualization", Journal of Electronic Imaging, Vol. 13, No. 1, January 2004.
85. G. Civati, S. Vacchi, D. Marini, A. Rizzi, "Neo Euclide: a Low-Cost System for Performance Animation and Puppetry", A. Camurri, G. Volpe (Eds.), Gesture-based Communication in Human-Computer Interaction, Lecture Notes in Artificial Intelligence, no. 2915, Springer Verlag, February 2004.
86. D. Gadia, D. Marini, A. Rizzi, "Tuning Retinex for HDR Images Visualization", CGIV04, IS&T Second European Conference on Color in Graphics, Imaging and Vision, April 5-8, 2004, Aachen (Germany).
87. A. Rizzi, T. Algeri, G. Medeghini, D. Marini, "A proposal for Contrast Measure in Digital Images", CGIV04, IS&T Second European Conference on Color in Graphics, Imaging and Vision, April 5-8, 2004, Aachen (Germany).
88. D. Marini, A. Rizzi, C. Gatta, D. Gadia, "Color and contrast adaptation issues in VR interfaces for security training", PSAM04, Berlin, giugno 2004.

89. M. Gaiani, M. Rossi, A. Rizzi, "Percezione delle immagini virtuali", in Metodi di prototipazione digitale e visualizzazione per il Disegno industriale,l'architettura degli interni e i beni culturali, a cura di M. Gaiani, pp 33-254, Ed. Poli.Design, Milano, 2004.
90. A. Rizzi, T. Agostini, D. Marini, "Metodologie di analisi in ergonomia cognitiva: una proposta per l'uso di modelli computazionali del sistema visivo", Giornata di studio della Società Italiana di Ergonomia (SIE) e del Centro Ricerche FIAT (CRF) sul tema: L'ergonomia come fattore di sviluppo delle imprese, delle organizzazioni e dell'innovazione tecnologica, Torino (Italy), 11 Giugno 2004.
91. M. Rossi, D. Marini, A. Rizzi, "Methods and application for photorealistic rendering and lighting of ancient buildings", Journal of Cultural Heritage, Volume 5, Issue 3 , July-September 2004, pp. 291-300.
92. A. Rizzi, "Computational models of color perception: characteristics and applications", Representation of reality by brain and machines; crossed views from neurosciences and computer vision, Montevideo (Uruguay), Novembre 2004.
93. A. Rizzi, D. Gadia, D. Marini, "Effects of spectral information changes on spatial color computation", Electronic Imaging – SPIE International Technical Group Newsletter, Vol. 15, No. 1, December 2004.

2005

94. M. Chambah, C. Gatta, A. Rizzi, "Linear Techniques for Image Sequence Processing Acceleration", IS&T-/SPIE Electronic Imaging 2005, S.Josè (California – USA), gennaio 2005.
95. A. Rizzi, D. Gadia, D. Marini "Spectral information and spatial color computation", IS&T-/SPIE Electronic Imaging 2005, S.Josè (California – USA), gennaio 2005.
96. A. Rizzi, C. Gatta, C. Slanzi, D. Marini, "Digital techniques for unsupervised color film restoration", MIDÉCH05, Multimedia.Information@Design for Cultural Heritage, Milano, 8 Marzo 2005.
97. M. Billger, C. Gatta, B. Stahre, A. Rizzi, "Towards perceptual colour for virtual environments", AIC05, 10th Congress of the International Colour Association, Granada, Spain, 8-13 Maggio 2005.
98. A. Rizzi, C. Gatta, C. Slanzi, G. Ciocca, R. Schettini, "Unsupervised color film restoration using adaptive color equalization", VISUAL 2005, 8th International Conference on Visual Information System, Amsterdam, The Netherlands, Luglio 2005.
99. A. Galmonete, T. Agostini, A. Rizzi, "Predicting the effect of spatial articulation on lightness", ECV05, European Conference on Visual Perception, La Coruna (Spain), 22-26 August 2005.
100. C. Slanzi, A. Rizzi, "Restauro digitale del colore nelle pellicole cinematografiche: il caso de 'La ciudad en la playa' ", Prima Conferenza nazionale del Gruppo del Colore (SIOF), Pescara, 20-21 ottobre 2005.
101. M.Rossi, D. Gadia, A. Rizzi, D. Marini, "Towards Image-Based Measurement of Perceived Lightness applied to Paintings Lighting", VAST05: 6th International Symposium on Virtual Reality, Archaeology and Cultural Heritage – 3rd Eurographics Workshop on Graphics and Cultural Heritage, 8-11 Novembre 2005, Pisa (Italy).
102. T. Agostini, A. Galmonete, A. Rizzi (2005). "A tool for the estimate of spatial articulation on lightness", Projected Perception. At the Edge of Natural and Artificial Reality and Abstraction., Bolzano, settembre 2005.
103. A. Rizzi, "Spatial Color Imaging: from Retinex to ACE", Gjovik Color Imaging Symposium 2005, Gjovik (Norway), 30 Novembre-1 Dicembre 2005.
104. I.Farup, A. Rizzi, C. Gatta, "Spatial Gamut Mapping", Gjovik Color Imaging Symposium 2005, Gjovik (Norway), 30 Novembre-1 Dicembre 2005.
105. E. Provenzi, A. Rizzi, L. De Carli, D. Marini, "Mathematical definition and analysis of the Retinex algorithm", Journal of Optical Society of America A, Vol. 22, N. 12 December, pp 2613-2621 (2005).

2006

106. M. Chambah, C. Saint-Jean, F. Helt, A. Rizzi, "Further Image Quality Assessment in Digital Film Restoration", IS&T-/SPIE Electronic Imaging 2006, S.Josè (California – USA), gennaio 2006.
107. A. Rizzi, "A human color perception model for film unsupervised digital restoration", The Mathematics and Art of Film Editing and Restoration, IMA, Minneapolis, 6-10 febbraio 2006
108. A. Rizzi, "Perceptual colour film restoration", Third International Conference on Preservation and Conservation Issues Related to Digital Printing and Digital Photography, Londra, 24-25 Aprile 2006.
109. C. Parraman, A. Rizzi, "Searching User Preferences in Printing: A Proposal for an Automatic Solution", Printing Technology SpB06, San Pietroburgo (Russia), giugno 2006.
110. A. Rizzi, A. Moretti, D. Gadia, D. Marini, "L'informazione spettrale e il colore percepito", Congressino 2006, Univ. di Trieste, 16-17/06/06 Medana (Slovenia).
111. A. Artusi, C. Gatta, D. Marini, W. Purgathofer, A. Rizzi, "Speed-up Technique for a Local Automatic Color Equalization Model" Computer Graphics Forum, Volume 25 (2006), number 1 pp. 5–14.
112. C. Gatta, A. Rizzi, D. Marini, "Local Linear LUT Method for Spatial Color Correction Algorithm Speed-up" IEE ProceedingsIEE Proc. Vision, Image & Signal Processing, Giugno 2006 - Volume 153, Issue 3, p. 357-363.
113. J.J. McCann, A. Rizzi, "Optical veiling glare limitations to in-camera scene radiance measurements", ECVPO6, European Conference on Visual Perception, San Pietroburgo (Russia), agosto 2006.
114. D. Marini, D. Gadia, A. Rizzi, A. Viale, "Expressive power of visualization and interaction in VR", VIRTUALIS FP6 European Project Internal Report, 2006.
115. R. Bonisoli, A. Rizzi, "Restauro digitale del colore: il caso de 'Il racconto della Stura'", Seconda Conferenza nazionale del Gruppo del Colore (SIOF), Milano, 20-22 settembre 2006.
116. C. Oleari, G. Simone, A. Rizzi, "Un sofware didattico su fenomeni della visione a colori e per il calcolo e l'analisi colorimetrica", Seconda Conferenza nazionale del Gruppo del Colore (SIOF), Milano, 20-22 settembre 2006.
117. A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. II", nella collana Quaderni di Ottica e Fotonica, Num. 14, edizioni SIOF, 2006.
118. J.J. McCann, A. Rizzi, "Spatial Comparisons: The Antidote to Veiling Glare Limitations in HDR Images", ADEAC 2006 (SID – VESA) 23-26 Ottobre 2006 , Atlanta, Georgia, USA.
119. M.G. Strepparava, M.O. Harb, S. Russo, F. Zorzi, A. Madini, A. Rizzi, "Esperienze Reali in Mondi Virtuali. Modalità di Interazione ed Esperienze Emotive in una Chat 3D", 3° Convegno Nazionale AISC di Scienze Cognitive, Genova, 26-27 ottobre 2006.
120. A. Rizzi, "Digital colour film restoration between physics and appearance", Digital Futures 2006 Imaging, Archives and Collections symposium, Londra, 31 Ottobre, 2006
121. J.J. McCann, A. Rizzi, "Limits of HDR Images: Image Capture and Image Display", Color Imaging Conference 2006 - Late Breaking News section, Scottsdale, 6-10 novembre, 2006.
122. A. Rizzi, J.J. McCann, "Spatial Models of Color", Vision by Brains and Machines 2006, 13-17 novembre 2006, Montevideo, Uruguay.
123. A. Rizzi, C. Gatta, C. Slanzi, G. Ciocca, R. Schettini, Unsupervised Color Film Restoration Using Adaptive Color Equalization, Lecture Notes in Computer Science, Volume 3736, Dec 2006, Pages 1 – 12.
124. A. Rizzi, D. Gadia, D. Marini, "Analysis of tri-stimulus interdifference and contextual color correction" Journal of Electronic Imaging, Vol. 15, 041202, Dic 2006.

2007

125. E. Provenzi, M. Fierro, A. Rizzi, L. De Carli, D. Gadia, D. Marini, "Random Spray Retinex: a new Retinex implementation to investigate the local properties of the model" IEEE Transactions on Image Processing, Vol. 16, Issue 1, pp. 162-171, January 2007.

126. J.J. McCann, A. Rizzi, "Veiling Glare: the dynamic range limit of HDR images", IS&T/SPIE Electronic Imaging 2007, S.Josè (California – USA), 28 gennaio –1 febbraio 2007.
127. C. Parraman, A. Rizzi, "User Preferences in Color Enhancement Unsupervised Methods for Printing", IS&T/SPIE Electronic Imaging 2007, S.Josè (California – USA), 28 gennaio –1 febbraio 2007.
128. M. Chambah, A. Rizzi, C. Saint-Jean, "Image Quality and Automatic Color Equalization", IS&T/SPIE Electronic Imaging 2007, S.Josè (California – USA), 28 gennaio –1 febbraio 2007.
129. A. Rizzi, J.J. McCann, "On the behavior of spatial models of color", IS&T/SPIE Electronic Imaging 2007, S.Josè (California – USA), 28 January –1 February 2007.
130. J.J. McCann, A. Rizzi, "Spatial Comparisons: The Antidote to Veiling Glare Limitations in Image Capture and Display", IMQA 2007 Second International Workshop on Image Media Quality and its Application, Chiba (Japan), 9-10 marzo, 2007.
131. J.J. McCann, A. Rizzi, "Computer algorithms that mimic human vision must respond to the spatial content in images", SPIE Newsroom, Electronic Imaging & Signal Processing, DOI: 10.1117/2.1200705.0675, 2007.
132. M. Bertalmio, V. Caselles, E. Provenzi, A. Rizzi, "Perceptual Color Correction Through Variational Techniques" IEEE Transactions on Image Processing, Vol. 16, Issue 4, pp. 1058-1072, April 2007.
133. J. J. McCann, A. Rizzi, "Camera and visual veiling glare in HDR images" Journal of the Society for Information Display 15/9, 721–730 (2007).
134. A. Rizzi, M. Pezzetti, J.J. McCann, "Measuring the visible range of High Dynamic Range Images", ECVP07, European Conference on Visual Perception, Arezzo, agosto 2007.
135. T. Agostini, A. Rizzi, A. Galmonte, G. Righi, A. Gherzil, A. Schepis, "Un modello per la previsione degli effetti dell'articolazione percettiva", Congresso annuale Associazione Italiana di Psicologia, Sezione di Psicologia Sperimentale - Como 17-19 Settembre 2007.
136. A. Rizzi, "Human Visual Perception and Spatial Models of Colour", Collaborate - Innovate – Create - Managing Colour in Digital Processes & the Arts, Bristol School of Art Media and Design, University of the West of England, Bristol, 18-20 Settembre 2007.
137. C. Gatta, A. Rizzi, D. Marini, "Perceptually inspired HDR images tone mapping with color correction", International Journal of Imaging Systems and Technology, Volume 17 Issue 5, pp. 285-294 (2007).
138. I. Farup, C. Gatta, A. Rizzi, "A Multiscale Framework for Spatial Gamut Mapping", IEEE Transactions on Image Processing, 2007 Oct ;16 (10):2423-35.
139. D. Marini, D. Gadia, c. Bonanomi, M. Rossi, A. Rizzi, "Il Teatro Virtuale dell'Università degli Studi di Milano: caratteristiche tecniche, fotometriche e cromatiche", Terza Conferenza nazionale del Gruppo del Colore (SIOF), Torino, 24-26 Ottobre 2007.
140. S. Zuffi, R. Cereda, A. Rizzi, "Valutazione automatica di interventi di restauro del colore in opere cinematografiche", Terza Conferenza nazionale del Gruppo del Colore (SIOF), Torino, 24-26 Ottobre 2007.
141. A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. III", nella collana Quaderni di Ottica e Fotonica, Num. 16, edizioni SIOF, 2007.
142. M. G. Strepparava, M. O. Harb, S. Russo, F. Zorzi, A. Rizzi, "Individual differences in virtual environments. An experimental research on emotions, behaviour and sense of presence in Second Life", PRESENCE 2007The 10th Annual International Workshop on Presence, 25-27 Ottobre,Barcellona.
143. A. Rizzi, M. Pezzetti, J.J. McCann, "Glare-limited Appearances in HDR Images", Color Imaging Conference 2007, Albuquerque (New Mexico), November 5-9, 2007.

2008

144. S. Ouni, M. Chambah, C. Saint-Jean, A. Rizzi, "DAF: Differential ACE Filtering. Image Quality Assessment by Automatic Color Equalization", in Image Quality and System Performance V (6808), IS&T/SPIE Electronic Imaging 2008, San Jose (California – USA), 27-31 January 2008.

145. S. Zuffi, C. Brambilla, R. Eschbach , A. Rizzi, "Controlled and Uncontrolled Viewing Conditions in the Evaluation of Prints", in Color Imaging XIII: Processing, Hardcopy, and Applications (6807), IS&T/SPIE Electronic Imaging 2008, San Jose (California – USA), 27-31 January 2008.
146. A. Rizzi, D. Gadia, D. Marini, M.R. Antognazza, S.Perissinotto, G. Lanzani, "Investigation on the relationship between cone sensitivities and color in context for an organic-based Artificial Retina", in Color Imaging XIII: Processing, Hardcopy, and Applications (6807), IS&T/SPIE Electronic Imaging 2008, San Jose (California – USA), 27-31 January 2008.
147. A. Rizzi, M. Pezzetti, J.J. McCann, "Separating the effects of glare from simultaneous contrast", in Human Vision and Electronic Imaging XIII (6806), IS&T/SPIE Electronic Imaging 2008, San Jose (California – USA), 27-31 January 2008.
148. D. Gadia, C. Bonanomi, M. Rossi, A. Rizzi, D. Marini, "Color Management and Color Perception Issues in a Virtual Reality Theater", in Stereoscopic Displays and Applications XIX (6803), IS&T/SPIE Electronic Imaging 2008, San Jose (California – USA), 27-31 January 2008.
149. A. Rizzi, "Open problems in perceptual imaging", Putting the human back into colour, CREATE, Charleville- Mézières, Ardennes, France, 21-24 Febbraio 2008.
150. A. Rizzi, "Possible links between eye movement and locality in spatial color algorithms", per il Vision, Imaging and Eye Movements workshop, organizzato dal Norwegian Color Research Laboratory, Gjøvik University College, 30 Aprile, 2008.
151. A. Rizzi, G. Simone, R. Cordone, "A Modified Algorithm for Perceived Contrast Measure in Digital Images", in 4th European IS&T Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
152. J.J. McCann, A. Rizzi, "Appearance of High-Dynamic Range Images in a Uniform Lightness Space", in 4th European IS&T Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
153. M. Pedersen, A. Rizzi, J.Y. Hardeberg and G. Simone, "Evaluation of contrast measures in relation to observers perceived contrast", in 4th European IS&T Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
154. A. Rizzi, L. Gatti, B. Kránicz, A. Berolo, "A Mixed Perceptual and Physical-chemical Approach for the Restoration of Faded Positive Films", in 4th European IS&T Conference on Color in Graphics, Imaging and Vision, CGIV2008, Terrassa (Barcellona, Spagna), 9-13 giugno 2008.
155. A. Rizzi, J.J. McCann, "Simultaneous Contrast and Intraocular Glare", in International Colour Association Interim Meeting AIC2008, Stoccolma (Svezia), 15-18 giugno 2008.
156. S. Zuffi, C. Brambilla, R. Eschbach, A. Rizzi, "Valutazione di immagini in condizioni controllate e non controllate di osservazione", Quarta Conferenza nazionale del Gruppo del Colore (SIOF), Como, 17-19 Settembre 2008.
157. A. Rizzi, L. Gatti, A.J. Berolo, "Un approccio misto per il restauro digitale del colore di pellicole cinematografiche", Quarta Conferenza nazionale del Gruppo del Colore (SIOF), Como, 17-19 Settembre 2008.
158. A. Rizzi, D. Gadia, D. Marini, M.R. Antognazza, S. Perissinotto, G. Lanzani, "Analisi della relazione tra sensibilità dei coni e colore nel contesto per una retina artificiale basata su semiconduttori organici", Quarta Conferenza nazionale del Gruppo del Colore (SIOF), Como, 17-19 Settembre 2008.
159. C. Bonanomi, D. Marini, D. Villa, A. Rizzi, "Stima spettrale della composizione di inchiostri di stampa", Quarta Conferenza nazionale del Gruppo del Colore (SIOF), Como, 17-19 Settembre 2008.
160. C. Balestrini, A. Rizzi, "Analisi della uniformità di stampa: alcuni casi esempio", Quarta Conferenza nazionale del Gruppo del Colore (SIOF), Como, 17-19 Settembre 2008.
161. A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. IV", nella collana Quaderni di Ottica e Fotonica, Num. 17, edizioni SIOF, 2008.
162. C. Parraman, A. Rizzi ed., "New Directions in Colour: From Science to Art" di Colour: Design & Creativity, online journal from the Society of Dyers and Colourists (SDC), Ottobre 2008.
163. A. Rizzi, "Colour normalisation and spatial comparison: a robust way to integrate the light spectrum", special issue di Colour: Design & Creativity, online journal from the Society of Dyers and Colourists (SDC), Ottobre 2008.
164. E. Provenzi, C. Gatta, M. Fierro, A. Rizzi, "A Spatially Variant White Patch and Gray World Method for Color Image Enhancement Driven by Local Contrast", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 30, No. 10, October 2008.

165. C. Parraman, A. Rizzi, J.J. McCann, "Mapping HDR luminance for colour appearance: an experiment", CREATE, New Ways to use Print Technology, University of the West of England, Bristol (UK), 13 –17 Ottobre 2008.
166. C. Parraman, A. Rizzi, "Developing the CREATE network in europe", in Colour in Art, Design and Nature, Edinburgh (UK), October 24th 2008.
167. C. Parraman, J.J. McCann, A. Rizzi, " The Art and Science of colour: Bridging the gap between art and perception", CHArt Conference 2008: 'Seeing... Vision and Perception in a Digital Culture', London, November 6th-7th, 2008.
168. J.J. McCann, A. Rizzi, "Retinal HDR Images: The Effects of Intraocular Glare and Object Size", CIC08, Sixteenth Color Imaging Conference, Portland, Oregon, Nov. 10-15, 2008.
169. A. Rizzi, "Standard digital imaging and high dynamic range imaging", Dynamic range of light, contrast and perception in digital images, Colorlab Workshop #7/2008 Dynamic range of light, contrast and perception in digital images, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2008.
170. A. Rizzi, J.J. McCann, I. Farup, "Retinal signal in HDR images", Dynamic range of light, contrast and perception in digital images, Colorlab Workshop #7/2008, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2008.
171. P. Nussbaum, S. Aditya, A. Rizzi, " Capturing and seeing HDR visual information", Dynamic range of light, contrast and perception in digital images, Colorlab Workshop #7/2008, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2008.

2009

172. J.J. McCann, A. Rizzi, "Preservation of Edges: The Mechanism for Improvements in HDR Imaging", in IS&T/SPIE Electronic Imaging 2009, San Jose (California – USA), 18-22 January 2009.
173. C. Parraman, A. Rizzi, J.J. McCann, "Color Appearance and Color Rendering of HDR Scenes: An Experiment", in IS&T/SPIE Electronic Imaging 2009, San Jose (California – USA), 18-22 January 2009.
174. G. Simone, M. Pedersen, J.Y. Hardeberg, A. Rizzi, "Measuring Perceptual Contrast in a Multi-level Framework", in IS&T/SPIE Electronic Imaging 2009, San Jose (California – USA), 18-22 January 2009.
175. S. Zuffi, C. Brambilla, R. Eschbach, A. Rizzi, "A study on the equivalence of controlled and uncontrolled visual experiments", in IS&T/SPIE Electronic Imaging 2009, San Jose (California – USA), 18-22 January 2009.
176. R. Eschbach, G. Marcu, S. Tominaga, A. Rizzi, Volume 7241, proceedings of SPIE "Color Imaging XIV: Displaying, Processing, Hardcopy, and Applications", Gennaio 2009.
177. A. Rizzi, J. J. McCann, "Glare-limited Appearances in HDR Images", Journal of the Society for Information Display, 17/1, pp. 3-12, (2009).
178. A. Rizzi, "The many ways to distort a colour: the long path from reality to perception", CREATE, Communicating colour, Veszprém (Hungary), 20-23 Maggio 2009.
179. A. Rizzi, J.J. McCann, " Dinamica, gradienti e abbigliamento: del come i pittori del rinascimento avevano già capito tutto", Congressino 2009, Univ. di Trieste, 12-13/06/09 Medana (Slovenia).
180. A. Rizzi, A. Sole, P. Nussbaum, "Color and lightness perception under different illuminations", Gjovik Color Imaging Symposium 2009, Gjovik (Norway), 19 Giugno 2009.
181. J.J. McCann, C. Parraman, A. Rizzi, "Reflectance Illumination and Edges in 3-D Mondrian Colour-Constancy Experiments", 11th Congress of the International Colour Association AIC2009, Sydney (Australia), 27 September - 2 October 2009.
182. C. Bonanomi, D. Villa, A. Rizzi, D. Marini, "Towards the Simulation of Visual Appearance for Indoor and Outdoor Advertising", 11th Congress of the International Colour Association AIC2009, Sydney (Australia), 27 September - 2 October 2009.
183. C. Bonanomi, D. Villa, D. Marini, A. Rizzi, "Computazione dell'apparenza visiva di manifesti pubblicitari", Quinta Conferenza nazionale del Gruppo del Colore (SIOF), Palermo, 7-9 ottobre 2009.

184. D. Gadia, G. Lasco, A. Rizzi, D. Marini, M.R. Antognazza, S. Perissinotto, G. Lanzani, "Nuovi esperimenti per una retina artificiale basata su semiconduttori organici", Quinta Conferenza nazionale del Gruppo del Colore (SIOF), Palermo, 7-9 ottobre 2009.
185. E. Macallì, A. Rizzi, "Color naming in età prescolare", Quinta Conferenza nazionale del Gruppo del Colore (SIOF), Palermo, 7-9 ottobre 2009.
186. F. Prestileo, A. Rizzi ed., "Colore e colorimetria. Contributi multidisciplinari vol. V", nella collana Quaderni di Ottica e Fotonica, Num. 18, edizioni SIOF, 2009.
187. J.J. McCann, C. Parraman, A. Rizzi, "Reflectance, illumination and edges: The Effects of Intraocular Glare and Object Size", CIC17, Seventeenth Color Imaging Conference, Albuquerque, New Mexico, Nov. 9-13, 2009.
188. A. Rizzi, C. Parraman, J.J. McCann, "Measuring Colour Constancy and Colour Appearance: an Experiment", MINET Conference: Measurements, Sensation and Cognition, London, 10-12 Novembre 2009
189. J. J. McCann, A. Rizzi, "Retinal HDR Images: Intraocular Glare and Object Size" Journal of the Society for Information Display, 17/11, pp. 913-920, (2009).
190. A. Rizzi, "Visualizing for the Human Vision System" (keynote), SIGRAD 2009 Visualization and Design, Chalmers, Goteborg (Sweden), 26 Novembre 2009.
191. I. Farup, Ø. Kolås A. Rizzi, "The STRESS Algorithm", Colorlab Workshop #2/2009 Innovative approaches for colour digital movie restoration, Norwegian Color Research Laboratory, Gjøvik University College, 28 Novembre 2009.
192. A. Rizzi, "From physical to perceptual digital colour restoration: the role of spatial color computation", Colorlab Workshop #2/2009 Innovative approaches for colour digital movie restoration, Norwegian Color Research Laboratory, Gjøvik University College, 28 Novembre 2009.

2010

193. R. Eschbach, G. Marcu, S. Tominaga, A. Rizzi, Volume 7528, proceedings of SPIE "Color Imaging XV: Displaying, Processing, Hardcopy, and Applications", Gennaio 2010.
194. C. Parraman, J.J. McCann, A. Rizzi, "Artist's Colour Rendering of HDR Scenes in 3-D Mondrian Colour-Constancy Experiments", IS&T/SPIE Electronic Imaging 2010, San Jose (California – USA), 17-21 Gennaio 2010.
195. D. Gadia, D. Villa, C. Bonanomi, A. Rizzi, D. Marini "Local Color Correction of Stereo Pairs", IS&T/SPIE Electronic Imaging 2010, San Jose (California – USA), 17-21 Gennaio 2010.
196. J.J. McCann, C. Parraman, A. Rizzi, "Pixel and spatial mechanisms of color constancy", IS&T/SPIE Electronic Imaging 2010, San Jose (California – USA), 17-21 Gennaio 2010.
197. A. Rizzi, "Object Size, Spatial-Frequency Content and Retinal Contrast", in IS&T/SPIE Electronic Imaging 2010, San Jose (California – USA), 17-21 Gennaio 2010.
198. Jon Hardeberg, A. Rizzi, special session "Gjøvik Colour Imaging Symposium", Journal of Imaging Science and Technology, Vol. 54, 2010.
199. C. Parraman, A. Rizzi, "Spatial image processing for the enhancement and restoration of film, photography and print", INFOS 2010, 7th International Conference on Informatics and Systems, 28-30 March, 2010, Cairo, Egypt.
200. A. Rizzi, C. Parraman, "Developments in the recovery of colour in fine art prints using spatial image processing", 4th International Conference on: Preservation and Conservation Issues in Digital Printing and Digital Photography27 – 28 May 2010Institute of Physics, London.
201. D. Gadia, G. Lasco, A. Rizzi, D. Marini, M.R. Antognazza, S. Perissinotto, G. Lanzani, "New experiments on color in context and organic-based artificial photoreceptors", CGIV 2010 -- Fourth European Conference on Colour in Graphics, Imaging, and MCS/10 Vision 12th International Symposium on Multispectral Colour Science,June 14-17, 2010Joensuu, Finland.
202. S. Rasheed, C. Bonanomi, D. Gadia, A. Rizzi, D. Marini, "EEG Spectral analysis of Visual Evoked Potential Produced by RGB Color Stimuli", Sesta Conferenza nazionale del Gruppo del Colore (SIOF), Lecce, 16-17 settembre 2010.

- 203. D. Gadia, D. Villa, C. Bonanomi, A. Rizzi, D. Marini, "Correzione locale del colore in immagini stereo", Sesta Conferenza nazionale del Gruppo del Colore (SIOF), Lecce, 16-17 settembre 2010.
- 204. V. Bandiera, A. Rizzi, "Apparenza cromatica e color naming", Sesta Conferenza nazionale del Gruppo del Colore (SIOF), Lecce, 16-17 settembre 2010.
- 205. C. Bonanomi, M. Gusmini, P. Carboni, A. Rizzi, D. Gadia, D. Marini, "Un esperimento per la quantificazione dell'apparenza di luminosità in contesti ad alta dinamica", Sesta Conferenza nazionale del Gruppo del Colore (SIOF), Lecce, 16-17 settembre 2010.
- 206. M. Rossi, A. Rizzi, "Color Temperature Variation for Food Lighting: a Test on User Preferences", AIC 2010, Interim Meeting of the International Color Association, Mar del Plata, Argentina, 12-15 Ottobre, 2010.
- 207. A. Rizzi, "Capturing real word with fake images", CREATE, Masterclass into colour, appearance and lighting, University of the West of England, Bristol (UK), 25 -29 Ottobre 2010.
- 208. J.J. McCann, V. Vonikakis, C. Parraman, A. Rizzi, "Analysis of Spatial Image Rendering", CIC18, 18th Color Imaging Conference, San Antonio, 8-12 November, 2010.
- 209. S. Rasheed, C. Bonanomi, D. Gadia, A. Rizzi, D. Marini "EEG analysis of RGB Color Stimuli", Colorlab Workshop #4/2010 Investigating visual issues in image processing using EEG, Norwegian Color Research Laboratory, Gjøvik University College, 26 Novembre 2010.
- 210. A. Rizzi, M. Chambah, "Perceptual Color Film Restoration" SMPTE Motion Imaging Journal (Society of Motion Picture and Television Engineers), Vol. 19, No 8, pp. 33-41, Nov-Dec, (2010).
- 211. S. Zuffi, C. Brambilla, R. Eschbach, A. Rizzi, "Comparing image preference in controlled and uncontrolled viewing conditions" Journal of Electronic Imaging, , Vol.19 Issue 4, Ottobre- Dicembre 2010.
- 212. C. Parraman, A. Rizzi, "CREATE: building a multi-disciplinary project in Europe", in Colour-Coded, Dec 2010, Pages 6-17, ISBN 978-0-901956-86-6.
- 213. M. Chambah, A. Rizzi, "Perception based digital motion picture restoration and quality evaluation", in Colour-Coded, Dec 2010, Pages 95-109, ISBN 978-0-901956-86-6.
- 214. J.J. McCann, V. Vonikakis, A. Rizzi, C. Parraman, "Report on the 3-D colour Mondrian project: Reflectance, illumination, appearance and reproduction", in *Colour-Coded*, Dec 2010, Pages 129-150, ISBN 978-0-901956-86-6.

2011

- 215. R. Eschbach, G. Marcu, A. Rizzi, Volume 7866, proceedings of SPIE "Color Imaging XVI: Displaying, Processing, Hardcopy, and Applications", Gennaio 2011.
- 216. A. Rizzi, "What a bad signal from this strange device", Dark side of the color session, Color Imaging XVI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2011, San Francisco (USA), 23-27 Gennaio 2011.
- 217. C. Parraman, A. Rizzi, "Knowledge exchange in the CREATE project – Colour Research for European Advanced Technology Employment", Color Imaging XVI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2011, San Francisco (USA), 23-27 Gennaio 2011.
- 218. D. Gadia, A. Rizzi, C. Bonanomi, D. Marini, A. Galmonte, T. Agostini "Color appearance in stereoscopy", IS&T/SPIE Electronic Imaging 2011, San Francisco (USA), 23-27 January 2011.
- 219. C. Bonanomi, D. Villa, A. Rizzi, D. Marini, "Una nuova pipeline di stampa", Colore, Quaderni di Cultura e Progetto del Colore, Num. 70 Anno XVIII, feb. 2011.
- 220. A. Rizzi, "HDR limits and vision limits: the same problem", Colorlab Workshop #3/2011 HDR imaging and Spatial Color Algorithms, Norwegian Color Research Laboratory, Gjøvik University College, 23 Giugno 2011.
- 221. G. Simone, G. Audino, I. Farup and A. Rizzi, "Termites: a New Implementation of Retinex based on a Colony of Intelligent Cooperating Agents", Colorlab Workshop #3/2011 HDR imaging and Spatial Color Algorithms, Norwegian Color Research Laboratory, Gjøvik University College, 23 Giugno 2011.

222. A. Sole, A. Rizzi, "Appearance of an HDR calibrated scene", Colorlab Workshop #3/2011 HDR imaging and Spatial Color Algorithms, Norwegian Color Research Laboratory, Gjøvik University College, 23 Giugno 2011.
223. Ø. Kolås, I. Farup, A. Rizzi, "Spatio-Temporal Retinex-Inspired Envelope with Stochastic Sampling: A Framework for Spatial Color Algorithms" Journal of Imaging Science and Technology, 55(4): 040503-1-040503-10, 2011 (IS&T Best Paper Award 2011).
224. S. Rasheed, D. Gadia, A. Rizzi, D. Marini, "Event-related Spectral Analysis of Brain Response produced by Colors Exposed in Multiple Shapes", Settima Conferenza del Colore (SIOF), Roma, 15-16 settembre 2011.
225. S. Fumagalli, F. Bisegna, C. Bonanomi, S. Rasheed, A. Rizzi, M. Rossi, "L'indice di resa cromatica: misura base ed approcci innovativi", Settima Conferenza del Colore (SIOF), Roma, 15-16 settembre 2011.
226. D. Sabatini, A. Rizzi, "Il Restauro digitale del colore: esperimenti e confronti sulla memoria teatrale degli anni Settanta e Ottanta", Settima Conferenza del Colore (SIOF), Roma, 15-16 settembre 2011.
227. C. Bonanomi, M. Gusmini, D. Marini, A. Rizzi, "An experiment to study the colour constancy behaviour in human observers and its algorithmic computation", Settima Conferenza del Colore (SIOF), Roma, 15-16 settembre 2011.
228. J.J. McCann, A. Rizzi, "The Art and Science of HDR Imaging", John Wiley, ISBN: 978-0-470-66622-7, (2011).
229. A. Rizzi, "HDR and UCS: Do HDR Techniques Require a New UCS Space?", ISCC/IS&T/SID Special Topics Meeting, Revisiting Color Spaces, associated with 19th Color and Imaging Conference (CIC19), November 12th 2011.

2012

230. R. Eschbach, G. Marcu, A. Rizzi, Volume 8292, proceedings of SPIE "Color Imaging XVII: Displaying, Processing, Hardcopy, and Applications", Gennaio 2012.
231. G. Simone, G. Audino, I. Farup, A. Rizzi, "Termites: a Retinex implementation based on a colony of agents", IS&T/SPIE Electronic Imaging 2012, San Francisco (USA), 22-26 January 2012.
232. C. Parraman, A. Rizzi, "Developing the CREATE network in europe", in Colour in art, Design and Nature, C.A. Brebbia, C. Created, M.W. Collins Ed.s, WIT Press, ISBN 978-1-84564-568-7, 2012.
233. A. Rizzi, J.J. McCann, "Human vision limits as foundation of visual sensation", Science of Experiential and Qualitative Spaces Workshop: From Points and Lines to Surfaces and Volumes, 19-22 Febbraio 2012, Rovereto (TN).
234. G. Simone, G. Audino, I. Farup, A. Rizzi, "Termite Retinex: A Novel Implementation based on a Colony of Agents", WIVACE 2012 (Workshop Italiano di Vita Artificiale e Computazione Evolutiva), Parma, 20-21 febbraio 2012.
235. A. Rizzi, C. Bonanomi, "Colour illusions and the human visual system", in Colour design: theories and applications, Janet Best Ed., Woodhead Publishing, ISBN 1 84569 972 6, Marzo 2012.
236. M. Rossi, A. Rizzi, "Color Temperature Variation for Fresh Food Lighting. A Test on User Preferences", in Color in Food: Technological and Psychophysical Aspects, José Luis Caivano and María del Pilar Buera Eds., CRC Press, ISBN 978-1439876930, Aprile 2012.
237. S. Rasheed, D. Marini, A. Rizzi, "Recognition of Colors in EEG. Planning Towards Brain Computer Interfaces", Lambert Academic Publishing, ISBN: 978-3-8484-2617-1, pp. 248, (2012).
238. A. Rizzi, "High Dynamic Range imaging: The good, the bad and the limits", Symposium All About Imaging, University of Westminster, Harrow Campus 30 Maggio 2012, Londra (UK).
239. A. Rizzi, "Problemi aperti nella modellizzazione del segnale retinale", XXV Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Bari, 14-16 Giugno 2012.
240. O. Stopazzolo, C. Bonanomi, D. Gadia, A. Rizzi, "Un confronto tra algoritmi di demosaicing per Color Filter Array", Ottava Conferenza del Colore, Bologna, 13-14 settembre 2012.

241. A.J. Berolo, S. Brivio, D. Sabatini, A. Rizzi, "Il restauro del colore de 'La lunga calza verde' ", Ottava Conferenza del Colore, Bologna, 13-14 settembre 2012.
242. A. Berolo, C. Bonanomi, D. Gadia, A. Rizzi, "Preserving Movie Cultural Heritage: Advantages and Characteristics of a Perceptual Digital Color Restoration Approach", CDCH 2012 – Creative Design for Interdisciplinary Projects in Cultural Heritage, 30 Settembre 2012, Innsbruck (Austria).
243. D. Marini, R. Folgieri, D. Gadia, A. Rizzi, "Virtual Reality as a communication process", Virtual Reality, Volume 16, Issue 3 (2012), Page 233-241, DOI: 10.1007/s10055-011-0200-3.
244. A. Rizzi, M. Rossi, special issue of the VI conference of the Italian Colour Group, Journal of the AIC, Vol. 8 (2012).
245. C. Bonanomi, D. Marini, A. Rizzi, "From printed color to image appearance: a tool for advertising assessment", Journal of Electronic Imaging, 21 (3), 033016 (September 18, 2012).
246. J.J. McCann, A. Rizzi, "Ansel Adams Zone System: Techniques for rendering HDR scenes on LDR film media", 1st Visual Science of Art Conference, 1-2 September 2012, Alghero, Italy.
247. A. Rizzi, J.J. McCann, "Glare and Neural Contrast: Scene content controls the neural contrast response", ECVP2013 European Conference on Visual Perception, 2-6 September 2012, Alghero, Italy.
248. J.J. McCann, A. Rizzi, "Edges and gradients in real 3-D color scenes", ECVP2013 European Conference on Visual Perception, 2-6 September 2012, Alghero, Italy.
249. S. Brazzoli, N. Barabanti, A. Rizzi, Zs. M. Kovacs Vajna, A. Cerutti, The Layering Composite Selection and Evaluation in Class IV Restorations: Instrumental Assessment, SCAD 4th Annual Conference - Chicago, Settembre 2012.
250. A. Rizzi, "Un nuovo approccio ai modelli di visione", Giornata Scientifica di AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Ariccia, 7 Dicembre 2012.

2013

251. S. Fumagalli, C. Bonanomi, A. Rizzi, "An experiment on the color rendering of different light sources", Color Imaging XVIII: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2013, San Francisco (USA), 3-7 Febbraio 2013.
252. A. Rizzi, C. Bonanomi, D. Gadia, G. Riopi "YACCD2: Yet Another Color Constancy Database Updated", Color Imaging XVIII: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2013, San Francisco (USA), 3-7 Febbraio 2013.
253. R. Eschbach, G. Marcu, A. Rizzi, Volume 8652, proceedings of SPIE "Color Imaging XVIII: Displaying, Processing, Hardcopy, and Applications", February 2013.
254. A. Rizzi, "Tone Rendering vs Tone Mapping: the History and Practice of HDR Imaging", First International Conference and SME workshop on HDR Imaging (COST IC1005), Oporto, 9-10 Aprile 2013.
255. E. Calore, C. Bonanomi, D. Gadia, A. Rizzi, "Test of an Open Hardware colorimeter", CIE Conference, Towards a New Century of Light, Parigi, 15-16 Aprile 2013.
256. A. Rizzi, "Test per la valutazione dell'indice di resa cromatica", Workshop Caratterizzazione Sorgenti Led e Indice di Resa Cromatica, Società Italiana di Ottica e Fotonica (SIOF), Firenze, 8 Maggio 2013.
257. A. Rizzi, "Problemi aperti nella modellizzazione del segnale retinale", Workshop Funzione Visiva e Attività di Volo, Centro Sperimentale di Volo dell'aeronautica Militare , Reparto Medicina e Aeronautica Spaziale, Aeroporto Pratica di Mare, 27 Maggio 2013.
258. N. Richard, C. Fernandez-Maloigne, C. Bonanomi, A. Rizzi, "Fuzzy Color Image Segmentation using Watershed Transform", Journal of Image and Graphics, 1 (3), Settembre 2013, ISSN 2301-3699.
259. A. Rizzi, "Open Issues in Modeling Vision for Better Displays", 8th International Symposium on Image and Signal Processing and Analysis (ISPA 2013), Trieste, 4-6 Settembre 2013.
260. G. Garipoli, C. Bonanomi, D. Gadia, A. Rizzi, L. Albani, "Tuning a computer based stereo blindness assessment", 8th International Symposium on Image and Signal Processing and Analysis (ISPA 2013), Trieste, 4-6 Settembre 2013.

261. S. Valtolina, A. Rizzi, "Ergonomia Cognitiva e Visuale per un cockpit di aeromobile", XXVI Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Città del Vaticano, 11-14 Settembre 2013.
262. S. Fumagalli, G. Leonardi, C. Bonanomi, A. Rizzi, C. Bochicchio, A. Lattivi, F. Primerano, "Luminous efficacy: a didactic experience", Lux Europa 2013, Krakow (Polonia) 17-19 Settembre 2013.
263. A. Rizzi, "Un approccio percettivo al restauro del colore", Chroma - giornata di studi sull'immagine a colori tra cinema e media, Università degli Studi di Firenze, plesso didattico di Santa Verdiana, 18 September 2013.
264. A. Rizzi, C. Bonanomi, D. Gadia, G. Riopi, "YACCD2: Yet Another Color Constancy Database Updated", Nona Conferenza del Colore, Firenze, 19-20 settembre 2013.
265. S. Fumagalli, C. Bonanomi, A. Rizzi, "Un esperimento di valutazione soggettiva dell'indice di resa cromatica", Nona Conferenza del Colore, Firenze, 19-20 settembre 2013.
266. E. Calore, C. Bonanomi, D. Gadia, A. Rizzi, "Test di un colorimetro open hardware", Nona Conferenza del Colore, Firenze, 19-20 settembre 2013.
267. J.J. McCann, A. Rizzi, V. Vonikakis, C. Bonanomi, "Chromaticity limits in color constancy calculation", Color and Imaging Conference, Albuquerque (USA), 4-8 Novembre 2013.

2014

268. J.J. McCann, C. Parraman, A. Rizzi, "Reflectance, illumination, and appearance in color constancy", *Frontiers in Psychology*, 5:5. (Jan 2014) doi: 10.3389/fpsyg.2014.00005.
269. G. Simone, G. Audino, I. Farup, F. Albregtsen, A. Rizzi, "Termite Retinex: A New Implementation based on a Colony of Intelligent Agents", *Journal of Electronic Imaging*, 23 (1), 013006 (January 17, 2014); doi: 10.1117/1.JEI.23.1.013006.
270. R. Eschbach, G. Marcu, A. Rizzi, Volume 9015, proceedings of SPIE "Color Imaging XIX: Displaying, Processing, Hardcopy, and Applications", February 2014.
271. R. Eschbach, S.C. Morgana, A. Quaranta, C. Bonanomi, A. Rizzi, "Feeling edgy about color blindness", *Color Imaging XIX: Displaying, Processing, Hardcopy, and Applications*, Electronic Imaging 2014, San Francisco (USA), 3-5 February 2014.
272. A. Rizzi, "When Color Meets Computer Vision", *Color Research and Application*, Wiley, MAR 2014, DOI: 10.1002/col.21879.
273. A. Rizzi, C. Bonanomi, S. Fumagalli, "A Test od Colour Rendering Evaluation", CIE 2014 Conference on Lighting Quality & Energy Efficiency, Kuala Lumpur (Malesia) 23-26 Aprile 2014.
274. A. Rizzi, "Modifiche al test di Ishihara", XXVII Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Siracusa, 28-30 Maggio 2014.
275. A. Rizzi, R. Eschbach, A. Quaranta, C. Bonanomi, "Modified Ishihara test to study the role of edges in color discrimination", *Italian Journal of Aerospace Medicine*, Vol. 11, Luglio 2014.
276. G. Simone, D. Gadia, A. Rizzi, "Termite Retinex: a novel implementation from swarm intelligence", Decima Conferenza del Colore, Genova, 11-12 settembre 2014.
277. D. Gadia, G. Garipoli, C. Bonanomi, L. Albani, A. Rizzi, "Assessing stereo blindness and stereo acuity on digital displays", *Displays*, 35 (4), pp. 206-212, 2014.
278. J. Moreno, A. Rizzi, C. Fernandez-Maloigne, "A New Metric of Image Quality Assessment for Stereoscopic Content", AIC 2014, Interim Meeting of the International Coor Association, Oaxaca, Mexico, 21-24 Ottobre, 2014.
279. A. Berolo, D. Sabatini, C. Bonanomi, D. Gadia, D. Marini, A. Rizzi, "Il restauro del colore digitale: un approccio basato sull'apparenza", *Cultura e Scienza del Colore - Color Culture and Science*, N. 1, pp. 8-12, 2014.
280. A. Rizzi, M. Rossi, special issue of the IX conference of the Italian Colour Group, *Journal of the AIC*, Vol. 13 (2014).
281. A. Rizzi, "Spatial Color Algorithms: Milano Retinex and NASA Retinex", From Image Processing to Visual Neuroscience through the Retinex Theory of Color Workshop, Color and Imaging Conference (CIC22), Boston (USA), 7 Novembre 2014

282. A. Rizzi, C. Bonanomi, D. Gadia, "Fattori contestuali ed acontestuali nel computo dell'indice di resa cromatica", Workshop CIE Italia: Verso un nuovo indice di resa cromatica: problemi aperti e possibili direzioni di ricerca, Milano, 19 Novembre 2014.
283. A. Rizzi, C. Bonanomi, D. Gadia "An extended image database for colour constancy", Journal of the International Colour Association, Vol. 13 (2014).
284. S. Fumagalli, C. Bonanomi, A. Rizzi, "Experimental assessment of color rendering indices and color appearance under varying setups", Journal of Modern Optics, Volume 62, Issue 1, 2015.
285. G. Gianini, A. Manenti, A. Rizzi, "QBRIX: a Quantile-based Approach to Retinex", Journal of Optical Society of America A, Vol. 31, Issue 12, pp. 2663-2673 (2014).
286. A. Rizzi, A. Berolo, C. Bonanomi, D. Gadia, "Unsupervised Digital Movie Restoration with Spatial Models of Color", Multimedia Tools and Application, First online: Luglio 2014, ISSN 1380-7501, 75:7 (2016 Apr), pp. 3747-3765,, DOI 10.1007/s11042-014-2064-5.

2015

287. R. Eschbach, G. Marcu, A. Rizzi, Volume 9395, proceedings of SPIE "Color Imaging XX: Displaying, Processing, Hardcopy, and Applications", February 2015.
288. A. Rizzi, J. McCann "Understanding the limits of scene reproduction" in the Handbook of Digital Imaging, edited by M. Kriss. John Wiley & Sons, Ltd: Chichester, UK, pp. 433-458, , Febbraio 2015, ISBN: 978-0-470-51059-9.
289. A. Rizzi, "The good, the bad and the ugly: the color we would like, the color we have, its appearance and dynamic range", Invited, Computational Color Imaging Workshop 2015 (CCIW 2015), March 24-26, 2015, St Etienne, Francia.
290. G. Simone, D. Gadia, I. Farup, A. Rizzi, "Ant Colony for Locality Foraging in Image Enhancement", in Multi-Objective Swarm Intelligence: Theoretical Advances and Applications, Ed. Dehuri, Satchidananda, Jagadev, Alok Kumar Panda, Mrutyunjaya, Studies in Computational Intelligence, Vol. 592, Springer, (2015).
291. J. Moreno, A. Rizzi, C. Fernandez Maloigne, "A New Metric of Image Quality Assessment for Stereoscopic Content", Data Compression Conference (DCC2015), April 7-9, 2015, Snowbird, Utah (USA).
292. M. Gargano, D. Bertani, D. Gadia, A. Rizzi, "Fusion of Visible and NIR Images in the Examination of Papyri", TAIMA 2015, 11-16 Maggio 2015, Hammamet, Tunisia.
293. S. Gbèhounou, E. Calore, F. Lecellier, A. Rizzi, C. Fernandez Maloigne, "SSVEP response study for low semantic images", AIC 2015, 19-22 May 2015 Tokyo, Japan.
294. A. Rizzi, M. Rossi, C. Bonanomi, A. Siniscalco, "A novel experience in color teaching: Master in Color Design & Technology", AIC 2015, 19-22 May 2015 Tokyo, Japan.
295. L. Blaso, C. Bonanomi, S. Fumagalli, O. Li Rosi, A. Rizzi, "An Experiment of Color Rendering with 3D Objects", AIC 2015, 19-22 May 2015 Tokyo, Japan.
296. L. Blaso, C. Bonanomi, S. Fumagalli, O. Li Rosi and A. Rizzi, Assessing color rendering in a 3d setup, 6th International Building Physics Conference IBPC 2015, 15-17 Giugno 2015, Torino.
297. A. Rizzi, "Di cosa parliamo quando parliamo di immagini", Congressino 2015, Univ. di Trieste, 26-27/06/15 Ipplis (UD).
298. A. Rizzi, S. Cagiada, R. Pizzi, C. Bonanomi "Percezione della dinamica di luminosità sotto ipnosi", Congressino 2015, Univ. di Trieste, 26-27/06/15 Ipplis (UD).
299. S. Valtolina, B. Barricelli, A. Rizzi, "Valutazione dell'usabilità della gestione elettronica del triage in situazioni di emergenza", XXVIII Convegno Nazionale AIMAS (Associazione Italiana di Medicina Aeronautica e Spaziale), Milano, 1-3 Luglio 2015.
300. S. Cagiada, R. Pizzi, A. Rizzi, S. Sarioli, "Experimentation: effect of consciousness alteration on the perception of colors and gray levelsand on stereoscopic vision", 14th European Congress of Psychology, 7-10 July 2015, Milano.
301. M. Gargano, D. Bertani, M. Greco, J. Cupitt, D. Gadia, A. Rizzi, "A Perceptual Approach for Visible and NIR Render in Ancient Documents Visualization", Journal of Cultural Heritage, doi:10.1016/j.culher.2014.09.006, , Volume 16, Issue 4, Pag. 518-525, Luglio–Agosto 2015.

- 302. A. Rizzi, "The tale of the three worlds: about the relationship among light, images and appearance", Keynote, 8th Colour and Visual Computing Symposium 2015 (CVCS 2015), August 25-26, 2015, Gjøvik, Norvegia.
- 303. M. Rossi, A. Siniscalco, A. Rizzi, C. Bonanomi, "Teaching color: the Master in Color Design and Technology", Undicesima Conferenza del Colore, Milano, 10-11 settembre 2015.
- 304. M. Lecca, A. Rizzi, "Tuning the locality of filtering with a spatially weighted implementation of random spray Retinex", Journal of Optical Society of America A, Vol. 32, Issue 10, pp. 1876-1887, 2015, doi: 10.1364/JOSAA.32.001876.
- 305. L. Blaso, C. Bonanomi, S. Fumagalli, O. Li Rosi and A. Rizzi, "Assessing color rendering in a 3d setup", Energy Procedia, 78 (2015) pp. 705 – 710.
- 306. S. Cagiada, R. Pizzi, A. Rizzi, S. Sarioli, "Effetto della trance ipnotica sulla percezione della dinamica di luminosità, sulla acuità stereo e sulla scelta dei colori", Ipnosi, rivista di ipnosi clinica e sperimentale, Ed. Franco Angeli, 2016.

2016

- 307. G. Gianini, A. Rizzi, E. Damiani, "A Retinex model based on Absorbing Markov Chains", Information Sciences, Volume 327, 10 January 2016, pp. 149–174.
- 308. R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXI: Displaying, Processing, Hardcopy, and Applications Proceedings ", (IS&T, Springfield, VA, 2016) pag. 304-365.
- 309. D. Marini, A. Rizzi, C. Bonanomi, "Processing astro-photographs using Retinex based methods", Color Imaging XXI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2016, San Francisco (USA), 14-18 Febbraio 2016.
- 310. A. Rizzi, "Designator Retinex, Milano Retinex and the locality issue", Color Imaging XXI: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2016, San Francisco (USA), 14-18 Febbraio 2016.
- 311. A. Rizzi, "To trust or not to trust, this is the digit...", Workshop on Advanced Methods In Color Imaging (AMICI), 25 February 2016, Università Milano Bicocca, Milano.
- 312. M. Lecca, A. Rizzi, G. Gianini, "Energy-driven path search for Termite Retinex", Journal of Optical Society of America A, Vol. 33, Issue 1, pp. 31-39 (2016), doi: 10.1364/JOSAA.33.000031.
- 313. A. Rizzi, D. Fogli, B. R. Barricelli, "A New Approach to Perceptual Assessment of Human-Computer Interfaces", Multimedia Tools and Applications, 76(5), pp. 7381-7399, 2016. DOI: 10.1007/s11042-016-3400-8.
- 314. A. Rizzi, "From noise to base: changing the point of view about glare", Keynote, International Conference on Light and Color in Nature, May31th – June 3rd 2016, Granada, Spagna.
- 315. D. Marini, A. Rizzi, C. Bonanomi, "A novel approach to visual rendering of astro-photographs", SPIE Astronomical Telescopes and Instrumentation, Volume 9913 Software and Cyberinfrastructure for Astronomy III, pp. 99134P-99134P, Edinburgh (United Kingdom), June 26, 2016.
- 316. A. Rizzi, C. Bonanomi, S. Brazzoli, A. Cerutti, Z. M. Kovacs-Vajna, "Assessing appearance in human dental color space", Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, ISSN: 2168-1163 (Print) 2168-1171 (Online), DOI 10.1080/21681163.2016.1164079.
- 317. S. Daly, R Mantiuk, J.J. McCann, A. Rizzi, special session on High Dynamic Range, ICIP 2016, September 25-28, Phoenix (USA).
- 318. S. Mascetti; D. Ahmetovic; A. Gerino; C. Bernareggi; M. Busso; A. Rizzi, "Robust Traffic Lights Detection on Mobile Devices for Pedestrians with Visual Impairment", Computer Vision and Image Understanding, Volume 148, July 2016, Pages 123-135.
- 319. S. Mascetti, C. Rossetti, A. Gerino, C. Bernareggi, L. Picinali, A. Rizzi, "Towards a Natural User Interface to Support People with Visual Impairments in Detecting Colors" 15th International Conference on Computers Helping People with Special Needs (ICCHP 2016). 2016, Linz (Austria), July 11-12, 2016.
- 320. S. Mascetti, D. Ahmetovic, A. Gerino, C. Bernareggi, M. Busso, A. Rizzi, "Supporting Pedestrians with Visual Impairment During Road Crossing: a Mobile Application for Traffic Lights Detection", 15th International Conference on Computers Helping People with Special Needs (ICCHP 2016). 2016, Linz (Austria), July 11-12, 2016.

321. A. Rizzi, special issue of the XI conference of the Italian Colour Group, Journal of the AIC, Volume 16 (2016).
322. M. Rossi, A. Rizzi, C. Bonanomi, A. Siniscalco "The Color Consultant Training for the Future: an Holistic View of Design and Technologies", Journal of the International Colour Association, Volume 16, 2016.
323. M. Lecca, A. Rizzi, G. Gianini, "Random Spray Retinex and its variants STRESS and QBRIX: Comparison and Experiments on Public Color Images", Dodicesima Conferenza del Colore, Torino, 8-9 settembre 2016.
324. D. Gadia, C. Bonanomi, M. Marzullo, A. Rizzi, "Perceptual enhancement of degraded Etruscan wall paintings", Journal of Cultural Heritage, Volume 21, September–October 2016, Pages 904–909, DOI: 10.1016/j.culher.2016.04.009.
325. B. Barricelli, D. Gadia, A. Rizzi, D. Marini, "Semiotics of Virtual Reality as a Communication Process", Behaviour & Information Technology, ISSN 0144-929X. - (2016), pp. 1-18. [Epub ahead of print].
326. G. Gianini, M. Lecca, A. Rizzi, "A population-based approach to point-sampling spatial color algorithms", Journal of the Optical Society of America A, Vol. 33, Issue 12, pp. 2396-2413 (2016), doi: 10.1364/JOSAA.33.002396.
327. C. Fernandez-Maloigne, J. Moreno, A. Rizzi, C. Bonanomi, "QUALITAS: Image Quality Assessment for Stereoscopic Images.", Journal of Imaging Science and Technology, Vol. 60, N. 5, pp. 50405_1-13.
328. A. Rizzi, J.J. McCann, M. Bertalmio, G. Gianini, special section on Retinex at 50, Journal of Electronic Imaging (2016).

2017

329. D. Marini, C. Bonanomi, A. Rizzi, "Perceptual contrast enhancement in visual rendering of astro-photographs", Journal of Electronic Imaging 26(3), 031205 (2017), doi: 10.1117/1.JEI.26.3.031205.
330. M. Lecca, A. Rizzi, R.P. Serapioni, "GREAT: A Gradient-based Color Sampling Scheme for Retinex", Journal of the Optical Society of America A, Vol. 34, No. 4 / April 2017, pp. 513-522, <https://doi.org/10.1364/JOSAA.34.000513>.
331. M. Lecca, C.M. Modena, A. Rizzi, "T-Rex: A Milano Retinex Implementation based on Intensity Thresholding", 6th Computational Color Imaging Workshop (CCIW'17), March 29-31, 2017, Milan, Italy, LCNS 10213 Lecture Notes in Computer Science, ISBN 978-3-319-56009-0, DOI 10.1007/978-3-319-56010-6.
332. A. Rizzi, C. Bonanomi, "Milano Retinex family", Journal of Electronic Imaging, 26(3), 031207, pp. 1-7. doi:10.1117/1.JEI.26.3.031207.
333. M. Lecca, A. Rizzi, R.P. Serapioni, "GRASS: A Gradient-based Random Sampling Scheme for Retinex", IEEE Transaction on Image Processing, Vol. 26 Issue 6, pp. 2767-2780, June 2017, DOI 10.1109/TIP.2017.2686652.
334. C. Bonanomi, S. Sarioli, S. Mascetti, G. Gianini, V. Alampi, M. Lanaro, A. Rizzi, "An App-based Assessment of SiChaRDa, an Image Enhancer for Color-Blind People", Journal of Imaging Science and Technology, Volume 61, Number 4, July 2017 pp. 40405-1-40405-9.
335. S. Valtolina, B.R. Barricelli, A. Rizzi, S. Menghini, A. Ciriaci, "Socio-technical Design of an App for Migrants Rescue Operations". Proc. of INTERACT 2017 Lecture Notes in Computer Science, vol 10774. Springer, Cham. ISBN 978-3-319-92080-1, DOI https://doi.org/10.1007/978-3-319-92081-8_14.
336. S. Valtolina, B.R. Barricelli, A. Rizzi, M. Diani, M. Medugno, "Participatory Design and ICT for Fostering ADHD Students' Inclusion", CHItaly 18-20 september 2017, Cagliari
337. C. Bonanomi*, M. Lanaro, A. Rizzi, B. Barricelli, "A Perceptual Method to Assess Color in Interfaces", AIC 2017, 13th AIC Congress 16-20 October 2017 Jeju, South Korea.
338. M.P. Lanaro, C. Bonanomi, A. Rizzi, "Open Issues in the Study of Human Retina", Journal of the International Colour Association, Vol 20, pp. 1-11, (2017).
339. G. Gianini, A. Rizzi, "A Fuzzy Set Approach to Retinex Spray Sampling", Multimedia Tools and Applications, (2017) Vol. 76, Issue 23, pp. 24723-24748. <https://doi.org/10.1007/s11042-017-4877-5>.
340. J.J. McCann; V. Vonikakis; A. Rizzi, "HDR Scene Capture and Appearance", SPIE Spotlight Series, Volume: SL35, Pages: 92, December 2017, ISBN: 9781510618541.

2018

341. D. Marini, C. Bonanomi, A. Rizzi, "About color correction in astrophotography", Color Imaging XXIII: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2018, San Francisco (USA), 28 January – 2 February 2018.
342. M. Lecca, C. M. Modena, A. Rizzi, "Using pixel intensity as a self- regulating threshold for deterministic image sampling in Milano Retinex: the T-Rex algorithm", Journal of Electronic Imaging, 27(1), 011005 (Jan/Feb 2018), pp. 011005-1 - 011005-11.
343. A. Rizzi, J.J. McCann, "On the need of a spatial approach to images", invited, Mathematics for Computer Vision (MCV 2018) , February 15-16th 2018, Trento (Italy).
344. A. Plutino, M. Lanaro, A. Ghioldi, R. Cammarata, A Rizzi, "ACE for Super 8 movie restoration", Mathematics for Computer Vision (MCV 2018) February 15-16th 2018, Trento, (Italy).
345. A. Rizzi, C. Bonanomi, "The human visual system described through visual illusions", in Colour design: theories and applications, Woodhead Publishing: Ms Janet Best (ed). – 2nd edition. Pp. 23-41, ISBN: 978-0-08-101270-3, 2018.
346. B. Barricelli, P. Sciarelli, S. Valtolina, A. Rizzi, "Web Accessibility Legislation in Italy: A Survey 10 years after the Stanca Act", Universal Access in the Information Society, Vol. 17, Issue 1, pp 211–222, March 2018. <https://doi.org/10.1007/s10209-017-0526-z>.
347. A. Plutino, M. Lanaro, A. Ghioldi, R. Cammarata, A Rizzi, "Work Memories in Super8: the dawn of paper recycling in Brescia", VI International Conference YOCOCU, May 22-26th 2018, Matera, (Italy).
348. A. Rizzi, C. Bonanomi, J. Melada, A. Plutino, "The influence of spatial arrangement of a scene in the stability of color appearance under different lights", Balkan Light 2018, VII Balkan Conference on Lighting, 4-6 June 2018, Sofia (Bulgaria).
349. M. Lecca, G. Simone, A. Rizzi, "Milano Retinex Paths as Local Minima of an Energy Functional with Tunable Color and Spatial information", SIAM Conference on Imaging Science, 5-8 June 2018, Bologna (Italy).
350. A. Rizzi, C. Bonanomi, L. Blaso, O. Li Rosi, S. Fumagalli, "Effect of light changes on simultaneous color contrast: a new aspect of color rendition", Coloration Technology, 134.3 (2018): 214-221.
351. C. Bonanomi, S. Balletti, M. Lecca, M. Anisetti, A. Rizzi, E. Damiani "I3D: a new dataset for testing denoising and demosaicing algorithms", Multimedia Tools and Applications, (2018) first online 21 July 2018. <https://doi.org/10.1007/s11042-018-6396-4>.
352. M. Lecca, G. Simone, C. Bonanomi, A. Rizzi, "Point-based Spatial Color Sampling in Milano-Retinex: a Survey IET Image Processing, 12.6 (2018): 833-849.
353. M. Lecca, A. Rizzi, G. Gianini, "Review and Comparison of Random Spray Retinex and of its variants STRESS and QBRIX", Cultura e scienza del colore – Color culture and science, Vol. 9 (2018), pp. 55-64, DOI: 10.23738/ccsj.ij2018.00 .
354. F. Cozzi, C. Elia, G. Gerosa, F. Rocchetta, M.P. Lanaro, A. Rizzi, G. Gianini, "Use of an Occlusion Mask for Veiling Glare Removal in HDR Images", Journal of Imaging, 2018, 4(8), 100; <https://doi.org/10.3390/jimaging4080100>.
355. B. Barricelli, A. Rizzi, S. Valtolina, C. Manfredini, "Computer-based ICF Management System for Supporting the Inclusion of Students with Special Needs in Non-Dedicated Classes", HWID2018 - Human-Work Interaction Design IFIP working conference, 20-21 August 2018, Espoo (Finland).
356. M.P. Lanaro, A. Pezzotta, M. Pessotto, A. Rizzi, "Fidarsi o no del ColorChecker?", Quattordicesima Conferenza del Colore, Milano, 11-12 September 2018.
357. I. Otto, A. Plutino, M.P. Lanaro, A. Rizzi, "All the Colours of a Film: a study on the Chromatic Variation of Movies", AIC Lisboa 2018 - AIC Interim Meeting - 25–29 September 2018, Lisbon (Portugal).
358. A. Rizzi, M.P. Lanaro, A. Plutino, S. Liberini, G. Simone, S. Bellotti, "MIPS Lab", CVPL 2018, 30-31 Agosto, Vico Equense (NA).
359. A. Rizzi, B. Barricelli, C. Bonanomi, A. Plutino, M.P. Lanaro, "Spatial Models of Color for Digital Color Restoration", in Conservation, Restoration, and Analysis of Architectural and Archaeological Heritage, Eds C. Inglese, A. Ippolito (2018) ISBN13: 9781522575559.

- 360. A. Rizzi, B. Barricelli, C. Bonanomi, L. Albani, G. Gianini, "Visual Glare Limits in High Dynamic Range Displays for Medical Imaging", IET Image Processing, Volume 12, Issue 7, October 2018, p. 976 – 988, DOI: 10.1049/iet-cvi.2018.5252.
- 361. A. Plutino, S. Bellotti, C. Lombardi, P. Guerrini, A. Rizzi, "The funerals of the bombing of Piazza della Loggia in Brescia: an example of rescue of an historical and amateur document", Atti del Nono Convegno Internazionale Diagnosis for the Conservation and Valorization of Cultural Heritage, p. 121 - 129, Cervino Edizioni, Napoli 2018, ISBN: 978-88-95609-42-3.
- 362. A. Rizzi, M. Lecca, G. Simone, N. Banic, special Issue "Image Enhancement, Modeling and Visualization", Journal of Imaging (2018) ISSN 2313-433X.
- 363. M. Rossi, A. Rizzi, C. Bonanomi, A. Siniscalco, "Color: an experiential path between theory and practice", Journal of the International Colour Association, Vol 22, pp. 34-40 (2018).

2019

- 364. S. Liberini, M.P. Lanaro, M. Rossi, A. Rizzi, "About glare and luminance measurements", Color Imaging XXIV: Displaying, Processing, Hardcopy, and Applications, Electronic Imaging 2019, San Francisco (USA), 13-17 January 2019.
- 365. R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXIV: Displaying, Processing, Hardcopy, and Applications Proceedings ", (IS&T, Springfield, VA, 2019).
- 366. J. Galli, F. Gitti, M. Lanaro, A. Rizzi, M.A., Pavlova, E. Fazzi, "Social Cognition in Children Autism Spectrum Disorders: An Eye Tracking Study". Neuropediatrics, 50(S 01), CO05 (2019).
- 367. A. Rizzi, "Alternative Methods for Digital Color Restoration", Fourth International Conference Colour in Film, BFI, London, February 25-27, 2019.
- 368. A. Plutino, A. Rizzi, "Algorithms for Film Digital Restoration: Unsupervised Approaches for Film Frames Enhancement", Udine / Gorizia FilmForum 2019, XXVI Convegno Internazionale di Studi sul Cinema, XXVI International Film and Media Studies Conference, Gorizia, 21-23 marzo 2019 / March 21st-23rd 2019, Gorizia, 2019.
- 369. A. Rizzi, A. Plutino "An alternative approach for movie digital color restoration", Imagine Math 7, Conference Mathematics and Culture, Ist. Veneto di Scienze, Lettere ed Arti, Palazzo Franchetti, Venezia, 29-31 Marzo 2019.
- 370. A. Rizzi, M. Lecca, A. Plutino, "Designing a Cockpit for Image Quality Evaluation", Transactions: Imaging/Art/Science - Image Quality, Content and Aesthetics, University of Westminster, London (UK), 26th April 2019.
- 371. A. Rizzi, A. Plutino, "Sulle condizioni di somministrazione del test di Luscher", Seminario internazionale Luscher test, Padova, 11/05/2019.
- 372. M.P. Lanaro, H. Perrier, D. Coeurjolly, V. Ostromoukhov, A. Rizzi, "Towards human retinal cones spatial distribution modeling" MODVIS 2019: Computational and Mathematical Models in Vision, St. Pete Beach (FL, USA), 15-17 May 2019.
- 373. A. Rizzi, "The gamut problem and alternative approaches", keynote, ICA-Belgium Colour Symposium,Ghent (Belgium) 23-25 May 2019.
- 374. E. Casiraghi, B. Vergani, B. Barricelli, S. Liberini, B.E. Leone, A. Rizzi, "Automatic quantification of histochemical images of cancerous tissue samples: a method based on a computational model of human color vision", Workshop on Interdisciplinary Aspects of Biomolecular Modelling, University of Milano, 26th June 2019.
- 375. A. Rizzi, "Colour in images: garbage in garbage out ?", Colour 2019 University of Leeds, Leeds, (UK), 29-30 July 2019.
- 376. L. Grechi, A. Plutino, A. Rizzi, "Evaluation of the perceived colour difference under different lighting for museum applications", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
- 377. E. Casiraghi, B. Vergani, B. Barricelli, S. Liberini, B.E. Leone, A. Rizzi, "Ruolo del colore nello sviluppo di un sistema automatico per l'analisi di immagini istologiche di tessuto tumorale", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
- 378. S. Liberini, A. Avolio, N. Travaglini, A. Rizzi, "Misure Spettrali di Capelli Tinti", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.

379. S. Liberini, P. Paglierani, A. Rizzi, "Checking a Masterpiece of Colour Science: The Munsell Book of Color", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
380. S. Liberini, P. Paglierani, A. Rizzi, F. Valan, "On the uncertainty of interpolated Munsell data", XV Conferenza del Colore, Macerata, 5-7 Settembre 2019.
381. A. Plutino, M. Lecca, A. Rizzi, "A Cockpit of Measures for Image Quality Assessment in Digital Film Restoration", International Conference on Image Analysis and Processing (pp. 159-169). Springer, Trento, September 2019, doi: 10.1007/978-3-030-30754-7_16.
382. L. Turetti, J. Galli, A. Rossi, M.P. Lanaro, A. Rizzi, E. Fazzi, "Analisi delle funzioni visive di base mediante tecnologia di eye-tracking: studio pilota su un gruppo di pazienti con diagnosi di encefalopatia ipossico-ischemica", Forum Giovani Ricercatori SIRP, October 2019.
383. M. Rossi, I. Calvo Ivanovic, A. Rizzi, "Project work experiences in post-graduate education on color design", AIC 2019, 14-17 Ottobre 2019, Buenos Aires (Argentina).
384. A. Rizzi, A. Plutino, M. Rossi, "Fundamentals of color teaching in post-graduate education", AIC 2019, 14-17 Ottobre 2019, Buenos Aires (Argentina).
385. G. Gianini, C. Mio, L. Ghemmogne Fossi, A. Rizzi, "Gradient Attenuation as an Emergent Property of Reset-based Retinex Models", MEDES 2019, 12-14 November 2019, Lymassol (Cyprus).
386. A. Rizzi, "New tools for a renewed interest on film restoration technical research", International Network Workshop - Film Archival and Curatorial Studies Master's Programs, Goethe Universitat, Frankfurt am Main, (Germany), 12-13 December 2019.
387. L. Grechi, A. Plutino, A. Rizzi, "Valutazione della differenza cromatica percepita sotto diversi illuminanti", Cultura e scienza del colore – Color culture and science, Volume 11, Issue 02 (2019).
388. M. Rossini, L. Grechi, A. Plutino, A. Rizzi, "Illuminazione museale: confronto tra indici di resa cromatica e percezione visiva", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
389. G. Bottaro, A. Plutino, A. Rizzi, "La catalogazione di materiali audiovisivi: valutazione di diversi standard a partire dall'esperienza presso l'archivio Cinescatti e proposta di una nuova scheda di catalogazione", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
390. A. Brivio, A. Plutino, A. Rizzi, "I colori di "Toute une nuit": analisi e confronto tra metodi di restauro manuali e automatici", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
391. A. Mantoan, A. Plutino, A. Rizzi, "Gamut mapping di pigmenti pittorici nella storia", A Conservation Carol workshop, approcci interdisciplinari nell'ambito della conservazione dei beni culturali, 20 Dicembre 2019, Università degli Studi di Milano.
392. M. Tanaka, M.P. Lanaro, T. Horiuchi, A. Rizzi, "Random Spray Retinex Extensions Considering Region of Interest and Eye Movements" Journal of Imaging Science and Technology, , 63.6 (2019): 60403-1, DOI: <https://doi.org/10.2352/J.ImagingSci.Technol.2019.63.6.060403>.
393. A. Rizzi, A. Plutino, "Sulle condizioni di somministrazione del test di Luscheri", Psyche Nuova, Anno XXXVI, nuova serie 2019, ISSN 1128-1480, (2019).

2020

394. G. Gianini, C. Bonanomi, C. Mio, M. Anisetti, A. Rizzi, "Glare-removal as an ill-conditioned problem" Journal of Electronic Imaging, 28(6), 063014 (2019). <https://doi.org/10.1117/1.JEI.28.6.063014>.
395. M. Rossi, A. Plutino, A. Siniscalco, A. Rizzi, "Teaching color and color science: The experience of an international Master course", Color Imaging XXV: Displaying, Processing, Hardcopy, and Applications, part of IS&T Electronic Imaging 2020, Burlingame (USA), 26-30 January 2020.

396. B.R. Barricelli, E. Casiraghi, J. Gliozzo, V. Huber, B. E. Leone, A. Rizzi, B. Vergani, "Ki67 nuclei detection and Ki67 index estimation: a novel automatic approach based on human vision modeling", BMC Bioinformatics, 20.1 (2019): 1-14.
397. A. Plutino, A. Rizzi, "Film Restoration: Closing the Gap between Humanities and Hard Science", Science ABC, Università La Sapienza, Rome (Italy), 19-21 February 2020.
398. S. Liberini, A. Avolio, S.T. Yankowski, A. Rizzi, "Consistency Issues in Hair Spectral Reflectance and Color Measurement", Coloration Technology, Vol. 136, pp.244–254, (2020), DOI: 10.1111/cote.12455.
399. S. De Meo, A. Plutino, A. Rizzi, " Assessing color of gemstones", Color Research and Application, 45(2), 224-234, (2020).
400. Plutino A., Lanaro M. P., Liberini S. and Rizzi A., "Work Memories in Super 8: searching a frame quality metric for movie restoration assessment", Journal of Cultural Heritage, 41 (2020): 238-248.
401. R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXV: Displaying, Processing, Hardcopy, and Applications Proceedings ", (IS&T, Springfield, VA, 2020).
402. M. Lanaro, H. Perrier, D. Coeurjolly, V. Ostromoukhov, A. Rizzi, "Blue-noise sampling for human retinal cone spatial distribution modeling", Journal of Physics Communications, 4(3), 035013.
403. A. Plutino, A. Rizzi, "Paper recycling in schools, a super 8 film from Brescia, Italy", Orphan Film Symposium, 5th June 2020, online.
404. P. Paglierani, S. Liberini, A. Rizzi, F. Valan, "Graphical interpolation of Munsell data", Cultura e scienza del colore – Color culture and science, 12(02), 21-30, 2020.
405. A. Plutino, G. Bottaro, A. Rizzi, "Media Vulnerability in Film restoration", MAGIS, International Film and Media Studies Spring School XVIII edition, Gorizia (Italy), 2020.
406. A. Plutino, A. Rizzi, "Algorithms for Film Digital Restoration: Unsupervised Approaches for Film Frames Enhancement", Moving Pictures, Living Machines / [a cura di] Greta Plaitano, Simone Venturini, Paolo Villa, MIMES International, pp. 265-272, ISBN 9788869772764, 2020.
407. S. Scipioni, C.A. Lombardi, L. Giuliani, A. Plutino, A. Rizzi, "Verso una più ampia comprensione del daltonismo: un test sulla discriminazione di colori in scene complesse", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
408. M.F. Gaspani, P.R. Spada, A. Plutino, A. Rizzi, "Un film in un frame: studio sulle variazioni cromatiche in film e video digitali", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
409. F. Barenghi, M. Bittante, N. Del Longo, C. Mangano, A. Plutino, A. Rizzi, "Uno studio sull'associazione colori, termini ed emozioni, basato sui colori primari di Luscher", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
410. M. Cereda, A. Rizzi, A. Plutino, "Quick Gamut mapping per la color correction", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
411. B. Sarti, A. Plutino, A. Rizzi, "Glare ottico nelle immagini iperspettrali", XVI Conferenza del Colore, online, 3-4 Settembre 2020.
412. E. Casiraghi, D. Malchiodi, G. Trucco, M. Frasca, L. Cappelletti, T. Fontana, A. A. Esposito, E. Avola, A. Jachetti, J. Reese, A. Rizzi, P. N. Robinson, G. Valentini, "Explainable Machine Learning for Early Assessment of COVID-19 Risk Prediction in Emergency Departments,", IEEE Access, vol. 8, pp. 196299-196325, 2020, doi: 10.1109/ACCESS.2020.3034032.
413. A. Signoroni, M. Conte, A. Plutino, A. Rizzi, "Spatial–Spectral Evidence of Glare Influence on Hyperspectral Acquisitions", Sensors, 20(16), 4374 (2020).
414. B. Barricelli, E. Casiraghi, M. Lecca, A. Plutino, A. Rizzi, "A cockpit of multiple measures for assessing film restoration quality", Pattern Recognition Letters, 131, 178-184, (2020).
415. G. Simone, A. Plutino, A. Rizzi, M. Rossi, " The experience of the Master in Color Design & Technology during COVID-19 lockdown ", RUcolor, 1-5 December 2020, online.
416. A. Brivio, A. Plutino, A. Rizzi, "The colors of "Toute une nuit": a study of color restoration in film", RUcolor, 1-5 December 2020, online.
417. A. Crespi, G. Morabito, A. Plutino, A. Rizzi, "Online Film Project: la catalogazione di pellicole come punto di partenza per il restauro cinematografico", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
418. R. Giola, I. Grignoli, S. Mauri, P.R. Spada, A. Plutino, A. Rizzi, "Pellicole UV e vetri oscuranti alle finestre: efficacia del metodo di conservazione di beni museali", A

Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.

419. L. Cristina, A. Plutino, A. Rizzi, "I colori del viaggio dell'eroe: uno studio degli archetipi nei film", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
420. E. Benigni, A. Buttarelli, C. Donini, L. Valente, A. Plutino, A. Rizzi, "Analisi degli effetti dell'illuminazione museale sull'Automa con Testa di Diavolo, scultura lignea risalente al XVI-XVII secolo", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
421. A. Cattaneo, B. Sarti, A. Plutino, A. Rizzi, "Identificazione e conservazione delle pellicole fotografiche a colori della seconda metà del XX secolo", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.
422. A. Cairoli, A. Plutino, A. Rizzi, "Un protocollo di digitalizzazione per i negativi della sotto-serie "Cinema" del fondo "La Notte"", A Conservation Carol 2020 workshop, Università degli Studi di Milano, 18th December 2020.

2021

423. B. Barricelli, E. Casiraghi, A. Dattolo, A. Rizzi, "15 Years of Stanca Act: Are Italian Public Universities Websites Accessible?" Universal Access in the Information Society, 20.1 (2021): 185-200.
424. A. Rizzi, "What if colorimetry does not work", Color Imaging XXVI: Displaying, Processing, Hardcopy, and Applications, part of IS&T Electronic Imaging 2021, online, 18-29 January 2021.
425. A. Plutino, A. Rizzi, "Research directions in color movie restoration", Coloration Technology, Vol.137 Issue 1, pp. 78-82, 2021.
426. A. Rizzi, "Colour after Colourimetry", Coloration Technology, Vol.137 Issue 1, pp. 22-28, 2021.
427. S. Westland, A. Rizzi, "Colorimetry: What's next?", Editorial, Coloration Technology, Vol.137 Issue 1, pp. 3-4, 2021.
428. R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXVI: Displaying, Processing, Hardcopy, and Applications Proceedings ", (IS&T, Springfield, VA, 2021).
429. A. Crespi, G. Morabito, A. Plutino, A. Rizzi, "Photographic and Cinematographic Film Repository (FiRE): identification of films for digital restoration", Colour Photography and Film: Sharing knowledge of analysis, preservation, conservation, migration of analogue and digital materials, pages 37-41, edited by Barbara Cattaneo, Marcello Picollo, Filippo Cherubini and Veronica Marchiafava, Research Culture And Science Books series - Vol. 00, 2021, DOI: 10.23738/RCASB.001, ISBN 978-88-99513-14-6, 2021.
430. A. Rizzi, Editorial, Cultura e scienza del colore – Color culture and science, 13(01), 5-6, 2021.
431. M. Cereda, A. Rizzi, A. Plutino, "Quick Gamut mapping for simplified color correction", Cultura e scienza del colore – Color culture and science, Vol. 13, N. 1, pp. 79-84, 2021.
432. A. Rizzi, "Il lato oscuro del colore", Dialoghi sulla sinestesia, primo incontro: suono colore immagine, giornata di studi, Conservatorio di musica F.A. Bonporti, Riva del Garda (Trento, Italy), 25/06/2021.
433. M. Lecca, A. Rizzi, R.P. Serapioni, "An Image Contrast Measure based on Retinex Principles", IEEE Transaction on Image Processing, 30 (2021): 3543-3554, DOI 10.1109/TIP.2021.3062724, 2021.
434. G. Simone, M. Gaiani, A. Ballabeni, A. Rizzi, "Complex process of image color correction: a test of a target-based framework", Journal of the Optical Society of America A, Vol. 38, Issue 5, pp. 663-674 (2021) <https://doi.org/10.1364/JOSAA.414536>.
435. A. Rizzi, J.J. McCann, "How do we measure visual response to light?", ECVP2021 European Conference on Visual Perception, 22-27 August 2021, online.
436. B. Sarti, A. Crespi, G. Morabito, A. Plutino, A. Rizzi, "Film Repository for Restoration (FiRe2): identification of photographic and cinematographic films", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.

437. A. Rizzi, S. Liberini, "Munsell and Ostwald Color Spaces: A Comparison in the Field of Hair Coloring", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
438. A. Rizzi, R. Suardi, S. Liberini, "Hair Color Wheels and Charts", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
439. A. Plutino, B. Sarti, G. Simone, A. Rizzi, "A Film in a Frame: Movie Barcodes for Film Restoration", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
440. A. Rizzi, "Citation for John McCann: AIC Deane B. Judd Award 2021 recipient", AIC 2021 - AIC 14th Congress, - August 30th– September 3rd, 2021, online.
441. A. Plutino, A. Rizzi, G. Simone, "Color Design & Technology A Multidisciplinary Approach to Colour Part 2", Research Culture and Science Books, DOI: <https://doi.org/10.23738/RCASB.002> (2021)
442. L.A. Ludovico, G. Presti, A. Rizzi, "Audio Dynamics Automatic Equalization Inspired by Visual Perception", Multimedia Tools and Applications, 80.8 (2021): 11903-11915.
443. A. Rizzi, "A Physical-chemical model of color decay as input to a Perceptual Approach for the Restoration of Faded Films?", INdAM Workshop MACH2021 - Mathematical modeling and Analysis of degradation and restoration in Cultural Heritage, 13-15 September 2021, Rome (Italy).
444. G. Beretta, M. Gaiani, A. Rizzi, "La riproduzione digitale del colore: una storia da quattro bit", Kritiké, Anno II, (2021).
445. A. Rizzi, G. Simone, "Una mappa per il complesso mondo di immagini e video HDR", LUCE, Anno 59, num. 337, (2021).
446. A. Plutino, B. Barricelli, E. Casiraghi, A. Rizzi, "A Scoping Review on Automatic Color Equalization Algorithm", Journal of Electronic Imaging, 30.2 (2021): 020901.
447. S. Scipioni, C.A. Lombardi, L. Giuliani, A. Mazzoni, R. Marcucci, A. Plutino, A. Rizzi, "A test on color discrimination in complex scenes for a better comprehension of color blindness", Cultura e scienza del colore – Color culture and science, Vol. 13 No. 02 (2021).
448. A. Plutino, B. Sarti, G. Simone, A. Rizzi, "Movie barcode as support for video analysis and film restoration", Scires - It, Vol.11 Issue 2, pp. 33-40, 2021.

2022

449. R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXVII: Displaying, Processing, Hardcopy, and Applications Proceedings ", (IS&T, Springfield, VA, 2022).
450. G. Simone, M. Gaiani, A. Ballabeni, A. Rizzi, "Problems in image target-based color correction", Color Imaging XXVII: Displaying, Processing, Hardcopy, and Applications, part of IS&T Electronic Imaging 2022, online, 15-26 January 2022.
451. A. Plutino, A. Rizzi, G. Simone, "Color Design & Technology A Multidisciplinary Approach to Colour Part 1", Research Culture and Science Books, DOI: <https://doi.org/10.23738/RCASB.005> (2022).
452. A. Plutino, A. Rizzi, G. Simone, "Color Design & Technology A Multidisciplinary Approach to Colour Part 3", Research Culture and Science Books, DOI: <https://doi.org/10.23738/RCASB.004> (2022).
453. A. Rizzi, L. Silva, A. Maffia, "Alcuni aspetti del daltonismo e sue possibili ricadute sui giochi da tavolo", Il ruolo delle immagini nel gioco: dall'estetica alla funzione, Game Science Research Center, online, 27/04/2022.
454. A. Rizzi, "Il colore nei capelli: quanto è difficile conciliare scienza e marketing?", Cosmo on stage Masterclass, Cosmoprof, Bologna (Italy), 02/05/2022.
455. S. Liberini, R. Suardi, A. Rizzi, G. Negretti, "Assessment of base color influence on the chromatic appearance of hair colorants", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.
456. L. Armellin, A. Plutino, A. Rizzi, "Online games for colour deficiencies data collection", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.
457. R. Eschbach, A. Plutino, L. Armellin, A. Rizzi, "The gray side of Ishihara bubbles", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.

458. A. Maffia, L. Silva, A. Rizzi, "Problemi aperti relativi all'uso dei colori nella didattica della matematica", XVII Conferenza del Colore, Firenze e online, 12-13 Settembre 2022.
459. A. Plutino, B. Sarti, L. Armellin, A. Rizzi, "A Computational Model of Human Colour Vision for Film Restoration" Gestalt Theory, vol.44, no.1-2, 2022, pp.175-182. <https://doi.org/10.2478/gth-2022-0005>.
460. A. Cattaneo, B. Sarti, A. Plutino, A. Rizzi, "On the identification of colour photographic processes", 2nd Edition of Colour Photography and Film: sharing knowledge of analysis, preservation, conservation, migration of analogue and digital materials, September 15-16, 2022, Firenze.
461. B. Sarti, A. Plutino, M. Longoni, A. Rizzi, S. Bruni, "Chemistry and colorimetry: preliminary investigation on chromogenic motion picture film", 2nd Edition of Colour Photography and Film: sharing knowledge of analysis, preservation, conservation, migration of analogue and digital materials, September 15-16, 2022, Firenze.
462. A. Zerboni, F. Villa, Y. Wu, T. Solomon, A. Trentini, A. Rizzi, F. Cappitelli, M. Gallinaro "The sustainability of rock art: preservation and research", Sustainability, Vol. 14, N. 10, P. 6305, 2022.
463. S. Liberini, A. Rizzi, "Munsell and Ostwald Colour Spaces: a Comparison in the Field of Hair Colouring", to be published on Color Research and Application, (2022).
464. A. Rizzi, A. Plutino, D. Vecchi, A.G. Guadagno, M. Lucertini "Dynamic Range of Luminance Perception in Acute Hypobaric Hypoxia", High Altitude Medicine and Biology, Vol. 23, N. 4, pp. 313-318, (2022).
465. B. Sarti, A. Plutino, A. Crespi, G. Morabito, A. Rizzi, "FiRe2: an online database for photographic and cinematographic film technical data", ACM Journal on Computing and Cultural Heritage, Vol. 16, N. 1, pp. 1-12, 2022.
466. A. Rizzi, B. Sarti, "Quanta sinestesia c'e` in noi?", Dialoghi sulla sinestesia, secondo incontro: suono colore immagine, omaggio a Skrjabin nel 150mo della nascita, Conservatorio di musica F.A. Bonporti, Riva del Garda (Trento, Italy), 24/08/2022.
467. J.J. McCann, V. Vonikakis, A. Rizzi, "Edges and Gradients in Lightness Illusions: Role of Optical Veiling Gare", Frontiers in Psychology, 5:5. (2022) DOI: 10.3389/fpsyg.2022.958787.
468. A. Rizzi, A. Plutino, A. Mazzoni, L. Armellin, R. Marcucci, "Daltonismo: un nuovo approccio e nuovi esperimenti per uno screening alternativo", XXXII Convegno Nazionale AIMAS, Reggio Calabria 5-7 ottobre 2022.
469. G. Simone, M. Lecca, G. Gianini, A. Rizzi, "A Survey of Methods and Evaluation of Retinex-inspired Image Enhancers", Journal of Electronic Imaging, Vol. 31, Issue 06, 063055, (December 2022) <https://doi.org/10.1117/1.JEI.31.6.063055>.
470. A. Cattaneo, B. Sarti, A. Plutino, A. Rizzi, "On the identification of colour photographic processes", Heritage, V. 5, pp. 4074-4088, 2022, DOI [https://doi.org/10.3390/heritage5040210..](https://doi.org/10.3390/heritage5040210)

2023

471. R. Eschbach, G. Marcu, A. Rizzi, "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications Proceedings ", (IS&T, Springfield, VA, 2023).
472. B. Sarti, A. Plutino, A. Rizzi, "HyperspectrACE: a human vision inspired hyperspectral color and contrast adjustment", Journal of Imaging Science and Technology, Vol. 67, N.1, 2023.
473. (invited) A. Rizzi, "A view from the Dark Side", "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications ", 15-19 January 2023, San Francisco (USA).
474. A. Plutino, L. Armellin, R. Eschbach, A. Mazzoni, R. Marcucci, A. Rizzi, "Testing the role of vision spatial processing in color deficiency", "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications ", 15-19 January 2023, San Francisco (USA).
475. A. Rizzi, M. Sassi, "Color blindness and modern board games", "IS&T Electronic Imaging: Color Imaging XXVIII: Displaying, Processing, Hardcopy, and Applications ", 15-19 January 2023, San Francisco (USA).

476. S. Micheletti, G. Vivanti, S. Renzetti, M.P. Lanaro, P. Martelli, S. Calza, P. Accorsi, S. Agostini, A. Alessandrini, N. D'Adda, L. Ferrari, V. Foresti, J. Galli, L. Giordano, M. Marras, A. Rizzi, E. Fazzi, "Social attention and social-emotional modulation of attention in Angelman syndrome: an eye-tracking study", Nature Scientific Reports, Vol. 13, N. 1, p. 3375, 2023.

Autorizzo il trattamento dei dati personali in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del Regolamento UE 2016/679.