

Riccardo Marin, Ph.D.

Contact:

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- Maria-von-Linden-Strasse 6, Tübingen, 72072
- Germany

Personal details:

- Place of birth: *Verona, Italy*
- Date of birth: *24 September 1991*
- Citizenship: *Italian*
- Native Language: *Italian*
- Spoken Languages: *English (fluent), German (basic)*

Curriculum Vitae - updated: October 24, 2023

Research Interests

- Geometry Processing, Geometric Deep Learning, Spectral shape Analysis, Shape Matching, Virtual Humans, AI, Computer Graphics and Computer Vision.

Research Profile

I am a Post Doctoral researcher, awarded with a Humboldt Post-Doctoral Fellowship and a Marie Skłodowska-Curie Post-Doctoral Fellowship, at the University of Tübingen in the Real-Virtual Humans group led by Gerard Pons-Moll. Previously, I was a post-doc at Sapienza University of Rome in the GLADIA group led by Emanuele Rodolà, leading a work package of SPEC GEO ERC project. I followed the University of Verona's Ph.D program in Computer Science, under the supervision of Umberto Castellani, collecting a Best PhD Thesis award by EG-Italy. I graduated in Computer Science and Engineering at University of Verona (2017). I work on Spectral Shape Analysis, Shape Matching Geometric Deep Learning, and Virtual Humans. My work appears in top level conferences and journals (NeurIPS, IJCV, CVPR, ICCV, CGF), obtaining also a Best Student Paper Award (3DV 2020). I served as conference organizer (RCD Committee at SIGGRAPH, Volunteer Chair at 3DV 2018 and STAG 2021), as reviewer for several journals and conferences (PAMI, TCVG, CVPR, NeurIPS, ICLR, ICML), obtaining five Outstanding Reviewer Awards. I am involved in many fruitful collaborations (École polytechnique (LIX), Max-Planck Institute (MPI), INRIA Strasbourg, Sapienza University of Rome, University College London (UCL), University of Milan, University of Verona), and projects financed by Google and ERC.

Academic Appointments

- | | |
|--|-------------------|
| • University of Tübingen , Germany - Computer Science department
European (Post doctoral) researcher with MSCA-IF Fellowship (12 months);
Advisor: Prof. Gerard Pons-Moll | 08/2023 – 08/2024 |
| • University of Tübingen , Germany - Computer Science department
Post Doctoral researcher with Humboldt Foundation Fellowship (12 months);
Advisor: Prof. Gerard Pons-Moll | 07/2022 – 06/2023 |
| • Sapienza University of Rome , Italy - Computer Science department
Post Doctoral researcher ;
Advisor: Prof. Emanuele Rodolà | 12/2020 – 06/2022 |
| • Sapienza University of Rome , Italy - Computer Science department
Contract/Adjunct Professor
Algorithm Design Course (Exerciser and member of the Exam Committee) | 04/2021 – 04/2023 |
| • École polytechnique (FRA) , France - Computer Science department
Visiting Student ;
Advisor: Prof. Maks Ovsjanikov | 09/2019 – 03/2020 |
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Fellowships and Memberships

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|--|----------------|
| • ELLIS - European Lab for Learning and Intelligent Systems
Member | 2023 – present |
| • Marie Skłodowska-Curie Action HORIZON 2021-2027
Postdoctoral Research Fellow | 2023 – present |
| • Alexander von Humboldt Foundation
Postdoctoral Research Fellow | 2022 – 2023 |
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Education

- **University of Verona, Italy** – Computer Science department 1/10/2017 – 10/06/2021
Ph.D in Computer Science *with the additional label of Doctor Europeaus.*
(with MIUR scholarship; concluded without extension requests)
Thesis: *Merging, extending and learning representations for 3D shape matching.*
Advisor: Umberto Castellani
Examiners: Alex Bronstein (Technion), Tobias Schreck (Graz University), Stefanie Wuhler (INRIA Grenoble)
Reviewers: Alex Bronstein (Technion), Stefanie Wuhler (INRIA Grenoble)
Awarded Best PhD Thesis in Computer Graphics by Italian Chapter of Eurographics (EG-Italy)
 - **Polytechnic University of Milan, Italy** – Computer Science department 07/2020
Attendance at Graduate School on Machine Learning for Non-Matrix Data
 - **University of Milan, Italy** – Computer Science department 05/2019
Attendance at Graduate School at Symposium on Geometry Processing 2019 (SGP).
 - **University of Brescia, Italy** – Computer Science department 10/2018
Attendance at International School on Graphics and Geometry Processing for Digital Manufacturing (EGIT) at Italian Chapter of Eurographics (STAG).
 - **Stanford University, coursera.org** 08/2017 – 07/2018
Deep Learning Specialization; held by Prof. Andrew Ng
[Certificate](#)
 - **Alberta University, coursera.org** 01/2021 – 04/2021
Reinforcement Learning Specialization; held by Prof. Marta White and Prof. Adam White
[Certificate](#)
 - **University of Verona, Italy** 2013 – 2017
Laurea Specialistica Degree (2 years degree, M.S. equivalent) in Computer Science and Engineering.
Thesis: *Augmented Reality for training of pretend play in children with Autism Spectrum Disorder.*
Grade: 103/110
 - **University of Verona, Italy** 2010 – 2013
Laurea Degree (3 years degree, B.S. equivalent) in Computer Science.
Grade: 101/110
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Professional Activities / Academic Service

- **Member of Program Committee** 2023
ICLR Tiny Papers Track (DEI), Kigali, Rwanda.
- **Session Chair** 19/01/2023
IMPRS-IS Interview Symposium at Max Planck Intelligent-Systems, Tübingen (Germany).
- **Member of Program Committee** 2022
Symposium on 3D Object Retrieval, Florence (Italy).
- **Volunteers Chair** 12/2021
STAG 2021, Smart Tools and Applications in Graphics, Roma, Italy.
- **Committee Member** 08/2021
SIGGRAPH Research Career Development Committee, Tokyo, Japan (remotely).
- **Invited Mentor** 05/2021
International Conference on Learning Representations (ICLR) 2021, Virtual.
- **Member of Program Committee** 2021
Workshop on 3D Object Retrieval 2021, Virtual.
- **SHREC19 Challenge Track Organizer** 02/2019
Eurographics 2019 Workshop on 3D Object Retrieval, Genova, Italy.
Track: Correspondence in Humans with Different Connectivity.
[Web site](#)

- **Volunteers Chair** 09/2018
3DV 2018, International Conference on 3D Vision, *Verona, Italy*.
 - **Volunteer Student**
ICCV 2017, *Venice, Italy*.
Eurographics 2019, *Venice, Italy*.
 - **High School advanced-class in Computer Skills Teacher** 11/2012 – 05/2013
ITCS Aldo Pasoli, *Via Girolamo dalla Corte, 15 - 37131 Verona, Italy*.
 - **Computer literacy course Teacher** 11/2012 – 05/2013
ITCS Aldo Pasoli, *Via Girolamo dalla Corte, 15 - 37131 Verona, Italy*.
 - **Area Chair, Meta-Reviewer**
- TinyPapers (ICLR Track); 2023
 - **Reviewer (Conferences)**
 - BMVC; 2018
 - 3DV; 2019 - 2024
 - GMDL; 2019
 - NeurIPS; 2020 - 2023
 - ICLR; 2021 - 2024
 - AAAI; 2021
 - CVPR; 2021 - 2023
 - ICML; 2021 - 2023
 - 3DOR; 2021, 2022
 - MVA; 2021
 - ICCV; 2021, 2023
 - Siggraph ASIA; 2021, 2023
 - EuroGraphics; 2022
 - WACV; 2022
 - ECCV; 2022
 - ICIAP; 2023
 - TinyPapers (ICLR Track); 2023
 - LoG; 2023
 - **Reviewer (Journals)**
 - IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI); 2022, 2023
 - IEEE Transactions on Computer Visualization and Computer Graphics (TVCG), 2019 - 2023
 - International Journal of Industrial Ergonomics
 - Computer and Graphics Journal (C&G)
 - International Journal of Computer Vision (IJCV)
 - IEEE/CAA Journal of Automatica Sinica
 - Journal of Imaging
 - IEEE Transactions on Image Processing
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Teaching

- **Virtual Humans** 10/2023 - 02/2024
Teaching Assistant; Exerciser, M.Sc. in Machine Learning, University of Tuebingen.
Teaching responsibility: 20 hours, Attendance: ~30, *Tuebingen, Germany*.
- **Geometry processing and machine learning for geometric data** 23/11/2023 - 28/2023
Lecturer and organizer; Doctoral School at Bicocca University of Milan.
Teaching responsibility: 20 hours *Milan, Italy*.
- **Functional Correspondence from Discrete Geometry to Learning** 01/07/2023
Lecturer and organizer; at the Graduate School of the Symposium on Geometry Processing 2023.
Length: 1 hour, *Genoa, Italy*.
- **Tutorial on Inverse Computational Spectral Geometry** 23/05/2022
Lecturer and organizer; at ICIAP 2021.
Length: 4 hours, Attendance: ~30, *Lecce, Italy*.

- **Tutorial on Inverse Computational Spectral Geometry** 25/04/2022
Lecturer and organizer; at EuroGraphics 2022.
Length: 4 hours, Attendance: ~180, Reims, France.
- **Numerical methods for Computer Science** 02/2022 - 04/2023
Assistant Professor; Lecturer and Exerciser, M.Sc. in Computer Science, Sapienza University of Rome.
Teaching responsibility: 20 hours, Enrollment: ~10 students, Roma, Italy.
- **Algorithm Design** 02/2022 - 04/2023
Adjunct Professor; Exerciser and member of the Exam Committee, M.Sc. in Computer Science, Sapienza University of Rome. Teaching responsibility: 24 hours, Enrollment: ~100 students, Roma, Italy.
- **Course on Data Science for High-School** 01/02/2021 - 07/02/2021
Teacher and organizer; School-work learning programme with CD: 50/50 association at the High School Morgagni.
Teaching responsibility: 40 hours, Attendance: 26, Rome, Italy.
- **Tutorial on Spectral Geometry in Practice** 30/11/2021
Lecturer and organizer; at the International Conference on 3D Vision 2021.
Length: 4 hours, Attendance: ~250, London, United Kingdom.
- **Algorithm Design** 04/2021 - 04/2022
Adjunct Professor; Exerciser and member of the Exam Committee, M.Sc. in Computer Science, Sapienza University of Rome. Teaching responsibility: 24 hours, Enrollment: ~100 students, Roma, Italy.
- **Spectral Shape Analysis for 3D matching** 06/2020
Lecturer and Organizer, Ph.D. School in Computer Science, University of Verona, Algorithm Design. Teaching responsibility: 6 hours, Enrollment: ~20 students, Verona, Italy.
- **Pattern Recognition** 03/2019 – 06/2019
Tutor student, Master degree in Computer Science and Computer Engineering, University of Verona. Verona, Italy.
- **Image Processing II** 11/2018 – 02/2019
Tutor student, Master degree in Computer Science and Computer Engineering, University of Verona. Verona, Italy.
- **Introduction to Programming** 03/2018 – 06/2018
Tutor student, Bachelor degree in Bioinformatics, University of Verona. Verona, Italy.

Honors and Awards

- **Matteo Dellepiane Award for Best PhD Thesis in Computer Graphics** 18/11/2022
at the Italian Chapter of EuroGraphics (EG-Italy)
 - **Outstanding Reviewer Award** 2022
at The Conference on Neural Information Processing Systems (NeurIPS 2022)
 - **Outstanding Reviewer Award** 2022
at The IEEE / CVF Computer Vision and Pattern Recognition Conference (CVPR 2022)
 - **Top Cited Article 2020-2021 Award** 2022
Computer Graphics Forum Journal
Paper title: *FARM: Functional Automatic Registration Method for 3D Human Bodies*
 - **Outstanding Reviewer Award** 2021
at the International Conference on 3D Vision (3DV 2021)
 - **Outstanding Reviewer Award** 2021
at the International Conference on Learning Representations (ICLR 2021)
 - **Best Student Paper Award** 2020
at the International Conference on 3D Vision (3DV 2020).
Paper title: *Instant recovery of shape from spectrum via latent space connections*
 - **Outstanding Reviewer Award** 2020
at the International Conference on 3D Vision (3DV 2020)
 - **Best Poster in Computer Science** 07/05/2018
at the University of Verona's PhD Day Event
Poster title: *FARM: Functional Automatic Registration Method for 3D Human Bodies*
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Funding and Grants

- **Marie Skłodowska-Curie Post-Doctoral Fellowship (MSCA-2022-PF-EF)** 01/08/2023 - 01/08/2024
Project: CoMBo - Correspondence through Millions Bodies: a large-scale, functional, and implicit data-driven method for 3D Humans matching
Funding: European Commission HORIZON 2021-2027. (~87K€)
Role: **Fellowship Holder (Principal Investigator)**
Host: Prof. G. Pons-Moll; 12 months
 - **Alexander von Humboldt Postdoctoral Fellowship** 01/07/2022 - 30/06/2023
Project: Functional shape matching for implicit representations
Funding: Alexander von Humboldt Foundation (~36K€)
Role: **Fellowship Holder (Principal Investigator)**
Host: Prof. G. Pons-Moll; 12 months
 - **Sapienza Research Starting Grant 2022 - Type 2** 24/10/2022
Project: "Functional shape matching for implicit representations"
Funding: Sapienza University of Rome (~2.3K€)
Role: **Principal Investigator**; 12 months
 - **Imminent Research Grant** 05/04/2022
Project: "Incremental Parallel Inference for Machine Translation"
Funding: Translated s.r.l. (20K€)
Role: **Co-PI**; 12 months
 - **Funds for international mobility - long periods** 09/2019 - 03/2020
Funding: University of Verona (3.5K€); 6 months
 - **MIUR Scholarship** for pursuing a PhD in Computer Science at University of Verona. 2017
Funding: ~45k €, 3 years
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International Research Visits

- **University of Tübingen (DE)** 02-04/05/2022
Research visit (~3 days); collaborator *Prof. Gerard Pons-Moll*.
 - **École polytechnique (FRA)** 05/09/2019 - 13/03/2020
Research visit (~6 months); collaborator *Prof. Maks Ovsjanikov*.
 - **University College London (UK)** 23-28/06/2018
Research visit (~1 week); collaborator *Prof. Niloy Mitra*.
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Invited Talks and Seminars

- ***Toward Relational Virtual Humans*** 29/06/2023
Bicocca, University of Milan; hosted by *Dr. S. Melzi*
- ***Toward Relational Virtual Humans*** 27/06/2023
University of Verona; hosted by *Prof. U. Castellani*
- ***The researcher's job*** 24/03/2023
Istituto di Istruzione Superiore Evangelista Torricelli, Milano
- ***Merging, extending and learning representations for 3D shape matching*** 18/11/2022
Smart Tools and Applications in Graphics (STAG), Cagliari
- ***Data-driven spectral analysis for practical geometry processing*** 05/05/2022
Pi School of AI, Rome
- ***Data-driven spectral analysis for practical geometry processing*** 03/05/2022
Tubingen University; hosted by *Prof. G. Pons-Moll*.
- ***Data-driven spectral analysis for practical geometry processing*** 31/03/2022
Universitat Pompeu Fabra (UPF); hosted by *Prof. C. Ballester*.

- **Digital Humans: minds and bodies** 11/02/2022
The Sapienza School for Advanced Studies; hosted by Prof. E. Rodolà.
- **When the sun goes down: a story on telling stories** 12/11/2021
DiDo Workshop, Sapienza University of Rome
- **Functional Matching** 11/11/2021
DiDo Workshop, Sapienza University of Rome
- **Digital Humans** 19/04/2021
OpenDI, Sapienza University of Rome
- **Functional Maps and Non-Rigid Registration: A crash course** 29/03/2021
Inria Strasbourg; hosted by Prof. S. Cotin.
- **Digital Humans: minds and bodies** 02/03/2021
The Sapienza School for Advanced Studies; hosted by Prof. E. Rodolà.
- **Correspondence Learning via Linearly-invariant Embedding** 20/11/2020
Sapienza University of Rome; hosted by Prof. E. Rodolà.
- **Functional template based matching for human bodies.** 04/03/2020
École polytechnique; hosted by Prof. P. Memari.
- **Instant recovery of shape from spectrum via latent space connections** 25/11/2020
International Conference on 3D Vision (3DV), 2020
- **FARM: Functional Automatic Registration Method for 3D Human Bodies.** 29/05/2019
Eurographics (EG), 2020
- **POP: full Parametric modelling estimation for Occluded People.** 05/05/2019
The 12th Eurographics Workshop on 3D Object Retrieval (3DOR), 2019
- **Introduction to Spectral Graph Theory: from Fourier to 3D models.** 18,19,20/12/2018
University of Verona; hosted by Prof. G. Menegaz.

Participation in Research projects

- **Fair Geometry: Toward Algorithmic Debiasing in Geometric Deep Learning.** 2021 - present
Role: Researcher.
Funding: Google Research
Coordinator: Prof. E. Rodolà ("La Sapienza" University of Rome).
 - **SPECGEO - Spectral geometric methods in practice.** 2020 - present
Role: Researcher (leading the work package WP4 - Deep learning applications);
Funding: ERC Starting Grant (Horizon2020).
Coordinator: Prof. E. Rodolà ("La Sapienza" University of Rome).
 - **Nuovi approcci di geometric deep learning ed applicazioni cross-dominio.**
New geometric deep learning approaches and cross-domain applications. 01/12/2021 - 30/06/2022
Role: PostDoc Researcher.
Funding: ERC Starting Grant SPECGEO (41K)
Coordinator: Prof. E. Rodolà ("La Sapienza" University of Rome).
 - **Metodi di predizione strutturata tramite geometric deep learning e nuove rappresentazioni spettrali.**
New methods and spectral representations for structured prediction via geometric deep learning. 01/12/2020 - 01/12/2021
Role: PostDoc Researcher.
Funding: ERC Starting Grant SPECGEO (25K)
Coordinator: Prof. E. Rodolà ("La Sapienza" University of Rome).
 - **EXPROTEA - Exploring Relations in Structured Data with Functional Maps.** 2019 - 2022
Role: Researcher (External Collaborator);
Funding: ERC Starting Grant (Horizon2020).
Coordinator: Prof. M. Ovsjanikov (École Polytechnique).
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Supervising and mentoring activities

- *Graduate Students (official co-advisor)*
 - Nikita Larichev, 2022, (Siegen, Thesis)
 - Luis Mautone, 2022, (Rome, Thesis)
 - Valentino Maiorca, 2021 (Rome, Thesis)
 - Silvio Severino, 2021 (Rome, Thesis)
 - Marco Pegoraro, 2021 (Verona, Thesis) - **Awarded Best Thesis at the Italian Chapter of Eurographics**
 - Filippo Bardon, 2019 (Verona, Thesis)
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Participation in industrial innovation

- *Automatic extraction of anthropometric measurements from digital 3D scan of human bodies, (phase 1).*
Role: Researcher. Supported by: Igoodi S.r.l. 27/11/2018 - 15/02/2019
 - *Automatic extraction of anthropometric measurements from digital 3D scan of human bodies, (phase 2).*
Role: Researcher. Supported by: Igoodi S.r.l. 01/08/2019 - 31/01/2020
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Other

- *CD: 50/50, No-profit association for promoting gender equality and diversity in STEM*
Role: Co-founder and lecturer.
[Website](#) 09/2021 - present
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Media Coverage

- *Italian ministry of digital innovation lists CD:50/50 among associations addressing the digital divide in the Italian population*
[Website](#) 2021
 - *The magazine of University of Verona reports Marco Pegoraro's Best Italian Master Thesis in Computer Graphics Award for our work on inverse spectral geometry*
[Website](#) 2021
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List of Publications

- Dimitrije Antic, Garvita Tiwari, Batuhan Ozcomlekci, **Riccardo Marin**, Gerard Pons-Moll. *CloSe: A 3D Clothing Segmentation Dataset and Model*. International Conference on 3D Vision (3DV), 2024.
- Vladimir Guzov, Julian Chibane, **Riccardo Marin**, Yannan He, Torsten Sattler, Gerard Pons-Moll. *Interaction Replica: Tracking human-Object interaction and scene changes from human motion*. International Conference on 3D Vision (3DV), 2024.
- Yuxuan Xue, Bharat Bhatnagar **Riccardo Marin**, Nikolaos Sarafianos, Yuanlu Xu, Tony Tung, Gerard Pons-Moll. *NSF: Neural Surface Fields for Human Modeling from Monocular Depth*. International Conference on Computer Vision (ICCV), 2023.
- Ilya A. Petrov, **Riccardo Marin**, Julian Chibane, Gerard Pons-Moll. *Object pop-up: Can we infer 3D objects and their poses from human interactions alone?*. IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2023.
- Andrea Santilli, Silvio Severino, Emiliano Postolache, Valentino Maiorca, Michele Mancusi, **Riccardo Marin**, Emanuele Rodolà. *Accelerating Transformer Inference for Translation via Parallel Decoding*. 61st Annual Meeting of the Association for Computational Linguistics (ACL), 2023.
- Donato Crisostomi, Simone Antonelli, Valentino Maiorca, Luca Moschella, **Riccardo Marin**, Emanuele Rodolà. *Metric Based Few-Shot Graph Classification*. Learning on Graphs Conference (LoG), 2022.
- Ramana Subramanyam Sundararaman, **Riccardo Marin**, Emanuele Rodolà, Maks Ovsjanikov. *Reduced Representation of Deformation Fields for Effective Non-rigid Shape Matching*. Conference on Neural Information Processing Systems (NeurIPS), 2022.

- Filippo Maggioli, **Riccardo Marin**, Simone Melzi, Emanuele Rodolà. *MoMaS: Mold Manifold Simulation for real-time procedural texturing*. Computer Graphics Forum (CGF), presented at Pacific Graphic (PG), 2022.
- Marco Pegoraro, Simone Melzi, Umberto Castellani, Emanuele Rodolà, **Riccardo Marin**. *Localized Shape Modelling with Global Coherence: An Inverse Spectral Approach*. Computer Graphics Forum (CGF), presented at Symposium on Geometry Processing (SGP), 2022.
- Giovanni Trappolini, Luca Cosmo, Luca Moschella, **Riccardo Marin**, Simone Melzi, Emanuele Rodolà. *Shape registration in the time of transformers*. Conference on Neural Information Processing Systems (NeurIPS), 2021.
- Pietro Musoni, **Riccardo Marin**, Simone Melzi, *A Functional Skeleton Transfer*. ACM in Computer Graphics and Interactive Techniques (PACMCGIT), 2021, presented at the Symposium of Computer Animation (SCA2021).
- **Riccardo Marin**, Arianna Rampini, Umberto Castellani, Emanuele Rodolà, Maks Ovsjanikov, Simone Melzi. *Spectral Shape Recovery and Analysis Via Data-driven Connections*, International Journal of Computer Vision, 2021
- Eleonora Tagliabue, Marco Piccinelli, Diego Dall'Alba, Juan Verde, Micha Pfeiffer, **Riccardo Marin**, Stefanie Speidel, Paolo Fiorini, Stéphane Cotin. *Intra-operative Update of Boundary Conditions for Patient-specific Surgical Simulation*, MICCAI, 2021
- Letizia Squarcina, Guido Nosari, **Riccardo Marin**, Umberto Castellani, Marcella Bellani, Carolina Bonivento, Franco Fabbro, Massimo Molteni, Paolo Brambilla. *Automatic classification of autism spectrum disorder in children using cortical thickness and support vector machine*. Brain and Behavior, 2021
- Eleonora Tagliabue, Diego Dall'Alba, Micha Pfeiffer, Marco Piccinelli, **Riccardo Marin**, Umberto Castellani, Stefanie Speidel, Paolo Fiorini. *Data-driven Intra-operative Estimation of Anatomical Attachments for Autonomous Tissue Dissection*. IEEE Robotics and Automation Letters (RA-L), 2021
- **Riccardo Marin**, Marie-Julie Rakotosaona, Simone Melzi, Maks Ovsjanikov. *Correspondence Learning via Linearly-invariant Embedding*. Conference on Neural Information Processing Systems (NeurIPS), 2020.
- Roberto M. Dyke, Yu-Kun Lai, Paul L. Rosin, Stefano Zappalà, Seana Dykes, Daoliang Guo, Kun Li, **Riccardo Marin**, Simone Melzi, Jingyu Yang. *SHREC'20: Shape correspondence with non-isometric deformations*. Computer & Graphics, 2020.
- Roberto M. Dyke, Feng Zhou, Yu-Kun. Lai, Paul L. Rosin, Daoliang Guo, Kun Li, **Riccardo Marin**, Jingyu Yang. *SHREC'20: Non-rigid Shape Correspondence of Physically-Based Deformations*. 13th Workshop on 3D Object Retrieval (3DOR), 2020.
- **Riccardo Marin**, Arianna Rampini, Umberto Castellani, Emanuele Rodolà, Maks Ovsjanikov, Simone Melzi. *Instant recovery of shape from spectrum via latent space connections*. International Conference on 3D Vision (3DV), 2020. [**Best Student Paper Award**]
- Simone Melzi, **Riccardo Marin**, Pietro Musoni, Filippo Bardon, Marco Tarini, Umberto Castellani. *Intrinsic/extrinsic embedding representation for functional remeshing of 3D shapes*. Computer & Graphics, 2020.
- **Riccardo Marin**, Simone Melzi, Emanuele Rodolà, Umberto Castellani. *High-Resolution Augmentation for Automatic Template-Based Matching of Human Models*. International Conference on 3D Vision (3DV), 2019.
- **Riccardo Marin**, Simone Melzi, Emanuele Rodolà, Umberto Castellani. *FARM: Functional Automatic Registration Method for 3D Human Bodies*. Computer Graphics Forum (CGF), 2019. Presented at Eurographics (EG), 2020. [**Top Cited Article in CGF 2020-2021 Award**]
- **Riccardo Marin**, Simone Melzi, Niloy Mitra, Umberto Castellani. *POP: full Parametric modelling estimation for Occluded People*. The 12th Eurographics Workshop on 3D Object Retrieval (3DOR), 2019.
- **Riccardo Marin**, Simone Melzi, Pietro Musoni, Filippo Bardon, Marco Tarini, Umberto Castellani. *CMH: Coordinates Manifold Harmonics for Functional Remeshing*. The 12th Eurographics Workshop on 3D Object Retrieval (3DOR), 2019.
- Simone Melzi, **Riccardo Marin**, Pietro Musoni, Umberto Castellani, Marco Tarini. *Visual Assessments of Functional Maps*. Poster at Symposium on Geometry Processing (SGP), 2019.
- Simone Melzi, **Riccardo Marin**, Emanuele Rodolà, Umberto Castellani, Jing Ren, Adrien Poulenard, Peter Wonka, Maks Ovsjanikov. *SHREC'19: Matching Humans with Different Connectivity*, the 12th Eurographics Workshop on 3D Object Retrieval (3DOR), 2019.



UNIVERSITÀ
di VERONA

MATRICOLA VR379993

N. CERTIF. 2016709926/LAU_SSD

Si attesta che **MARIN RICCARDO**,
nato a Verona (VR) il 24 settembre 1991,
ha superato presso questa Università
l'esame finale di

Laurea Magistrale in INGEGNERIA E SCIENZE INFORMATICHE

appartenente alla

CLASSE LM-32 - Classe delle lauree magistrali in Ingegneria informatica

il giorno 21/03/2017

riportando punti 103/110 (centotre/centodieci) .

Al titolo conseguito compete la qualifica accademica di "Dottore magistrale" (di cui al decreto M.I.U.R. n. 270/2004, art. 13, comma 7).

Avendo superato i seguenti esami:

TIPO	DATA	ESAME	S.S.D.	CFU	VOTO
	08/07/2014	ALGORITMI	ING-INF/05	12	23/30
	02/02/2015	PROGETTAZIONE DI SISTEMI EMBEDDED	ING-INF/05	6	22/30
	27/02/2015	FONDAMENTI	INF/01	12	23/30
	18/09/2015	SISTEMI	ING-INF/05	12	19/30
	01/02/2016	SISTEMI OPERATIVI AVANZATI	ING-INF/05	6	26/30
	03/02/2016	INTELLIGENZA ARTIFICIALE	INF/01	6	28/30
	11/02/2016	SFIDE DI PROGRAMMAZIONE	-	6	30/30 L
	14/06/2016	SISTEMI EMBEDDED DI RETE	ING-INF/05	6	30/30
	15/06/2016	SOFTWARE PER SISTEMI EMBEDDED	INF/01	6	30/30 L
	23/06/2016	ARCHITETTURE AVANZATE	ING-INF/05	6	29/30
	13/07/2016	TEORIE E TECNICHE DEL RICONOSCIMENTO	ING-INF/05	6	26/30

Copia del presente certificato, rilasciato in originale, viene conservata negli archivi elettronici del sistema di gestione delle carriere degli studenti. La legge punisce ogni contraffazione.



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di VERONA

TIPO	DATA	ESAME	S.S.D.	CFU	VOTO
	08/09/2016	ORGANIZZAZIONE AZIENDALE	SECS-P/10	6	30/30
	15/02/2017	SISTEMI AVANZATI PER IL RICONOSCIMENTO	INF/01	6	30/30
	21/03/2017	PROVA FINALE		24	Idoneo

TOTALE CFU ACQUISITI **120.00**

Esami in soprannumero rispetto al piano prescelto:

TIPO	DATA	ESAME	S.S.D.	CFU	VOTO
	09/02/2017	VISIONE COMPUTAZIONALE	ING-INF/05	6	30/30 L

TOTALE CFU **6.00**

Nessun debito formativo.

LEGENDA:

C: CONVALIDATO

S.S.D.: SETTORE SCIENTIFICO DISCIPLINARE

O: OPZIONALE

CFU: CREDITO FORMATIVO UNIVERSITARIO

La durata normale del suddetto corso è di due anni.

Si rilascia in carta libera per gli usi consentiti dalla tab. all. B) del D.P.R. 642/72 del 26.10.1972 e successive modificazioni.
Ai sensi dell'art. 15, comma 1 della legge 12 novembre 2011, n. 183 il presente certificato non può essere prodotto agli organi della Pubblica amministrazione o ai privati gestori di pubblici servizi. Valido per l'estero.
Il certificato è emesso a norma dell'art. 3, comma 2 del Decreto L.vo 12.02.1993, n.39

I dati del presente certificato sono ricavati dal sistema di gestione delle carriere degli studenti.

VERONA, 3 maggio 2017

IL DIRIGENTE

dott. avv. Elisa Silvestri

Copia del presente certificato, rilasciato in originale, viene conservata negli archivi elettronici del sistema di gestione delle carriere degli studenti. La legge punisce ogni contraffazione.



UNIVERSITÀ
di VERONA

MATRICOLA VR350801

N. CERTIF. 2016709931/LAU_SSD

Si attesta che **MARIN RICCARDO**,
nato a Verona (VR) il 24 settembre 1991,
ha superato presso questa Università
l'esame finale di
Laurea in INFORMATICA
appartenente alla
CLASSE L-31 - Classe delle lauree in Scienze e tecnologie informatiche
il giorno 16/10/2013
riportando punti 101/110 (centuno/centodieci) .

Al titolo conseguito compete la qualifica accademica di "Dottore" (di cui al decreto M.I.U.R. n. 270/2004,
art. 13, comma 7).

Avendo superato i seguenti esami:

TIPO	DATA	ESAME	S.S.D.	CFU	VOTO
	14/02/2011	ALGEBRA LINEARE	MAT/02	6	21/30
	28/02/2011	ANALISI MATEMATICA I	MAT/05	6	24/30
	22/06/2011	LOGICA E MATEMATICA DISCRETA	INF/01	6	20/30
	11/07/2011	FISICA I	FIS/01	6	18/30
	12/07/2011	PROGRAMMAZIONE I	INF/01	12	30/30
	28/07/2011	PROBABILITA' E STATISTICA	MAT/06	6	18/30
	28/07/2011	ARCHITETTURA DEGLI ELABORATORI	ING-INF/05	12	29/30
	01/02/2012	RETI DI CALCOLATORI	ING-INF/05	6	27/30
	06/02/2012	PROGRAMMAZIONE II	INF/01	6	30/30
	27/02/2012	ANALISI MATEMATICA II	MAT/05	6	25/30
	19/06/2012	FISICA II	FIS/01	6	18/30

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di VERONA

TIPO	DATA	ESAME	S.S.D.	CFU	VOTO
	10/07/2012	SISTEMI OPERATIVI	ING-INF/05	12	25/30
	19/07/2012	CALCOLO NUMERICO	MAT/08	6	22/30
	15/09/2012	LINGUA INGLESE COMPETENZA LINGUISTICA - - LIV.B1(COMPLETO)		6	Approvato
	25/09/2012	ALGORITMI	INF/01	12	30/30 L
	04/02/2013	FONDAMENTI DELL'INFORMATICA	INF/01	6	24/30
	05/04/2013	TIROCINIO	-	6	Approvato
	17/06/2013	LINGUAGGI E COMPILATORI	INF/01	12	27/30
	18/06/2013	CRITTOGRAFIA	INF/01	6	30/30 L
	21/06/2013	SICUREZZA DELLE RETI	ING-INF/05	6	25/30
	21/06/2013	INGEGNERIA DEL SOFTWARE	INF/01	6	23/30
	24/06/2013	GRAFICA AL CALCOLATORE	INF/01	6	27/30
	17/09/2013	BASI DI DATI	INF/01	12	28/30
	16/10/2013	PROVA FINALE		6	Idoneo

TOTALE CFU ACQUISITI

180.00

Nessun esame in soprannumero rispetto al piano prescelto.

Nessun debito formativo.

LEGENDA:

C: CONVALIDATO

S.S.D.: SETTORE SCIENTIFICO DISCIPLINARE

O: OPZIONALE

CFU: CREDITO FORMATIVO UNIVERSITARIO

La durata normale del suddetto corso è di tre anni.

Si rilascia in carta libera per gli usi consentiti dalla tab. all. B) del D.P.R. 642/72 del 26.10.1972 e successive modificazioni.

Copia del presente certificato, rilasciato in originale, viene conservata negli archivi elettronici del sistema di gestione delle carriere degli studenti. La legge punisce ogni contraffazione.



UNIVERSITÀ
di **VERONA**

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VERONA, 3 maggio 2017

IL DIRIGENTE

dott. avv. Elisa Silvestri

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