

UNIVERSITÀ DEGLI STUDI DI MILANO

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Marco Alberto Javarone

CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	JAVARONE
NOME	MARCO ALBERTO
DATA DI NASCITA	16/01/1983

Academic Positions

- 01/07/19. Lecturer in Applied Mathematics, UCL, London, UK
- 05/19. Industry Fellow Centre for Blockchain Technologies, UCL, London, UK

Academic Degree

- 2017. PhD Mathematics and Computer Science. Curriculum: Mathematics. Area: Mathematical Physics. University of Cagliari Thesis: Statistical Physics of Evolutionary Game Theory and its Applications
- 2013. PhD Computer Engineering – Machine Learning and Complex Networks. University of Cagliari. Thesis: Models and Frameworks for Studying Social Behaviours.

Scientific Visits

- 2018. Visiting Lecturer. ITMO University, St Petersburg, Russia
- 2016. Visiting Dept. of Data Analysis at University of Ghent, Belgium. Travel Grant for a project about the evolutionary dynamics of complex systems.
- 2016. Visiting Dept. of Physics – Ecole Normale Supérieure de Paris, Paris (France).
- 2016. Visiting Dept. of Mathematics - Queen Mary University of London, London (UK).

Research for Industry

- *Senior Researcher*, nChain, London 08/01/2018 — 22/12/2018

- *Invited talk* Implementing Deep Learning Models at “Deep Learning in Finance” London Summit 2018, London. 16/03/2018.
- *Visiting Researcher* at Invenia Labs – Cambridge, UK. Application of Evolutionary Strategies and Machine Learning Algorithms to Financial Time Series. February 2016
- *Speaker* at “Deep Learning in Finance Summit” London, UK. 23/09/2016

Past Academic Positions

10/09/2018 – 15/03/2019 **Senior Lecturer** in Statistical Physics, Coventry University, Coventry, UK

12/02/2018 – 09/09/2018 **Research Associate** in Computational Neuroscience. University of Kent, Medway, UK

03/04/2017 – 31/01/2018 **Senior Research Fellow**. School of Computer Science, University of Hertfordshire, Hatfield, UK

01/01/2014 – 31/12/2016 **PhD student** in Mathematics and Computer Science. University of Cagliari, Cagliari, Italy

01/10/2014 – 30/09/2015. **Postdoctoral Researcher**. Computational Methods applied to language and social dynamics. University of Sassari, Sassari, Italy

19/05/2014 – 20/06/2014. **Invited-Researcher**. Ecole Polytechnique de Paris – France.

15/07/2012 – 15/07/2014. **Postdoctoral Researcher**. Computational Methods applied to language and social dynamics. University of Sassari, Sassari, Italy

11/2011-02/2012. **Research Grant**: Study and development of new methods for supervised clustering. University of Cagliari, Cagliari, Italy

03/2010 – 03/2013 **PhD student** in Electronics and Computer Engineering. Curriculum: Computer Engineering, SSD ING-INF/05. University of Cagliari, Cagliari, Italy

Seminars

- From Evolutionary Games to the Dynamics of Innovation. CEU, Budapest, 09/03/2017
- Evolutionary Game Theory and its Applications to Optimisation Tasks – Dept. of Mathematics, Queen Mary University of London, London, 10/05/2016
- Statistical Physics of Evolutionary Game Theory. Dept. of Mathematics – Imperial College London, London, 18/02/2016
- Statistical Physics and Evolutionary Game Theory. Dept. of Mathematics, University of Bologna, Bologna, 15/10/2015
- Introduction to Complex Networks. DIEE - University of Cagliari. Lecture for PhD Students in Electronic and Computer Engineering, Cagliari, 14/07/2015
- Fermionic Networks: Modelling and Applications. University College London (UCL), London, 23/05/2014
- Short Course on Complex Networks. Dept. of Physics. University of Cagliari (2014)

- Introduction to Social Dynamics. University of Sassari (2013)
- Introduction to Artificial Intelligence. University of Sassari (2013)

Editorial Activity

Nominated EPL - Distinguished Referee 2018

Nature Human Behaviour, Reviewer, Scientific Reports – Nature, Reviewer; Proceedings of the Royal Society, Reviewer; Physical Review (APS), Reviewer; Social Network Analysis and Mining (SNAM), Reviewer; Europhysics Letters, Reviewer; Entropy, Topic Editorial Board Member and Reviewer; EPJ Data Science, Reviewer; EPJ-B Reviewer; PlosOne, Reviewer; Games, Reviewer; Physica A: Statistical Mechanics and its Applications, Reviewer; Journal of Statistical Mechanics: Theory and Experiment (JSTAT), Reviewer; Applied Network Science, Reviewer; Journal of Physics: Complexity; Physics Letters A, Reviewer; Frontiers in Physics, Reviewer; Modern Physics Letters B, Reviewer; Frontiers in ICT – Quantum Computing, Review Editor; Frontiers in Human Neuroscience, Reviewer; Casmodeling – SpringerOpen Journal, Reviewer; Sensors mdpi, Reviewer; Int Journal of Research and Public Health, Reviewer; Frontiers in Psychology; Reviewer.

Conferences – Organiser (O) and Program Committee (PC)

- (PC) NETSCI 2020. International School and Conference on Network Science, Rome, Italy 2020
- (PC) ACM WebSci. Web Science, 2020 Southampton, UK 2020
- (PC) ICCS 2020. 10th International Conference on Complex Systems. New England, 2020
- (PC) Complex Networks 2020. 9th International conference on complex networks and their applications, Exeter, UK 2020
- (PC) CCS19 Conference on Complex Systems. Singapore (September 2019)
- **(O) CSS18 Satellite: Braincomputing – Thessaloniki, Greece (September 2018)**
- (PC) CCS19 Conference on Complex Systems. Thessaloniki, Greece (September 2018)
- (PC) SocInfo. 10th International Conference on Social Informatics Saint Petersburg, Russia (September 2018)
- (PC) International Workshop on Complex Networks and their Applications. Lyon 12/2017
- (PC) CCS17 Conference on Complex Systems. Cancun (September 2017)
- (PC) SocInfo 2017. 9th International Conference on Social Informatics (Oxford 2017)
- (PC) CompleNet17. 8th Workshop on Complex Networks. Dubrovnik (Croatia). March 2017
- **(O) CSS16 Satellite: Evolutionary Game Theory: from Biology to Social Systems (EGT-BiSS) – Amsterdam (September 2016)**
- (PC) ICCSS2016. International Conference on Computational Social Science 2016 – Evanston, IL USA (June 2016)
- (PC) CCS16 Conference on Complex Systems. Amsterdam (September 2016)

- (PC) SocInfo 2016. 8th International Conference on Social Informatics (November 2016)
- (PC) International Workshop on Complex Networks and their Applications. Co-located at SITIS 2016 - Milano (December 2016)
- (PC) CompleNet16. 7th Workshop on Complex Networks. Dijon (France). March 2016
- (PC) Computational Social Science. LC2S2. NetSci2015 (June 2015)
- (PC) ICCSS2015. International Conference on Computational Social Science 2015 – Helsinki, Finland (June 2015)
- (PC) CompleNet15. 6th Workshop on Complex Networks. New York City, USA. (25-27 March 2015)
- **(O) SEDNAM. Workshop on Social and Economic Dynamics co-located at SocInfo2014 (November 2014) Barcelona**
- **(O) SEDPAM. Workshop on SocioPhysics and Econophysics co-located at ECCS14 (September 2014) IMT Lucca.**
- (PC) CSS – Computational Social Science. Contagion, Collective Behaviour, and Networks. 24-25 September 2014. IMT Lucca
- (PC) CRIMENET – Workshop on Criminal Network Analysis and Mining co-located at SocInfo2014, November 2014, Barcelona
- (PC) SocInfo2014, 6th International Conference on Social Informatics 10-13, November 2014, Barcelona.
- (PC) COOL2014 8, April 2014 Seoul. Located with WWW2014 South Korea.

Academic Teaching Activity

- 2019/2020. Lecturer of Operational Research, Department of Mathematics, UCL
- 2019/2020. Tutor of Applied Mathematics, Department of Mathematics, UCL
- 2018/2019. Lecturer of Mathematics for theoretical physics and mathematical analysis. Coventry University, Coventry, UK
- 2018/2019. Tutor of Applied Mathematics 1 and of Applied Mathematics 2. Coventry University, Coventry, UK
- 2018. Visiting Lecturer at ITMO University teaching Mathematical and Computational Models for Complex Systems, St Petersburg, Russia
- 2017/2018. Adjunct Professor of Physics at University of Sassari
- 2016/2017. Adjunct Professor of Physics at University of Sassari
- 2016/2017. Tutor of Applied Mathematics, at University of Cagliari.
- 2015/2016. Tutor of Applied Mathematics, at University of Cagliari.
- 2014/2015. Adjunct Professor of Computer Science at University of Sassari
- 2014/2015. Tutor of Physics 2, at University of Cagliari

- 2013/2014. Adjunct Professor of Computer Science at University of Sassari
- 2013/2014. Adjunct Professor of Electromagnetism and Electromagnetic fields (with radioprotection) at University of Sassari
- 2011/2012. Adjunct Professor of Computer Science, University of Sassari
- 2011/2012. Adjunct Professor of Electrical and Electronic Circuits, University of Sassari
- 2011/2012. Tutor of Computer Science, University of Cagliari
- 2010/2011. Adjunct Professor of Computer Science, University of Sassari
- 2010/2011. Adjunct Professor of Electrical and Electronic Circuits, University of Sassari

PhD Student Supervision

- Starting on 2019/2020 (Second supervisor) Alex Zhao, Department of Mathematics, UCL, London, UK
- Starting on 2019/2020 (Second supervisor). Lou Hang, Department of Mathematics, UCL, London, UK
- Starting on 2019/2020 (Second supervisor). Erik Jensko, Department of Mathematics, UCL, London, UK

Role as Academic Supervisor MSc and BA

UK

Ongoing Projects for the MSc in Mathematical Modelling, UCL, London UK

- 2019/2020. Understanding cooperation: analysing human behaviours by mathematical models.
- 2019/2020. Modelling emergent phenomena in the human brain.

Ongoing Projects for the MSc in Financial Mathematics, UCL, London UK

- 2019/2020. Cybersecurity and fraudulent behaviours in Blockchain based systems.
- 2019/2020. Cryptographic protocols in blockchain based technologies.
- 2019/2020. Econophysics models for studying financial markets.
- 2019/2020. The evolution of financial markets with the advent of blockchain based technologies and cryptocurrencies.
- 2019/2020. Modelling the dynamics of cryptocurrencies.

Italy

- **2014. Co-supervisor** MS Degree Theoretical Physics. University of Cagliari. Student: Antonio E. Atzeni. Agent-based Models in Game Theory: Cooperation as an Emergent Phenomenon. Advisor: Prof. P. Olla
- **2014. Co-supervisor** BA Tourism Sciences. University of Sassari. Student: Maria V. Cabizza. Marketing and Social Networks: an analysis on human factors that influence decisions. Advisor: Prof. B. Pinna

List of Journal Articles, Conference Proceedings, and Oral/Poster Presentations

Manuscripts

Journals:

- A mean field approach to model levels of consciousness from EEG recordings. Marco A. Javarone et al., Journal of Statistical Mechanics: Theory and Experiment, 083405, 2020
- Strategy equilibrium in dilemma games with off-diagonal payoff perturbations, M.A. Amaral and Marco A. Javarone, Physical Review E, 101(6), 2020
- Heterogeneity in evolutionary games: an analysis of the risk perception, M.A. Amaral and Marco A. Javarone, Proceedings of the Royal Society A 476 (2237), 20200116, 2020
- Invited Review of ‘The Perfect Bet by Adam Kucharski’, Marco A. Javarone, The Mathematical Intelligencer, Springer, 2019
- The Host-Pathogen Game: an evolutionary approach to biological competitions. Marco Alberto Javarone. *Frontiers in Physics* 6(94), 2018
- Heterogeneous update mechanisms in evolutionary games: mixing innovative and imitative dynamics. Marco A. Amaral and Marco Alberto Javarone. Physical Review E 97 2018
- Dilution of Ferromagnets via a Random Graph-based Strategy. Marco Alberto Javarone and Daniele Marinazzo. Complexity, 2845031, 2018
- Evolutionary Dynamics of Group Formation. Marco Alberto Javarone and Daniele Marinazzo, PloS ONE 12(11) e0187960, 2017
- Solving Optimization Problems by the Public Goods Game. Marco Alberto Javarone *EPJ-B* 90:171, 2017
- The beneficial role of 'mobility' for the emergence of Innovation. Giuliano Armano and Marco Alberto Javarone. Scientific Reports (7) 1781, 2017
- A Statistical Physics Perspective to Understand Social Visual Attention in Autism Spectrum Disorder. Alessio Liberati, Roberta Fadda, Giuseppe Doneddu, Sara Congiu, Marco Alberto Javarone, Tricia Striano and Alessandro Chessa. Perception, doi:10.1177/0301006616685976, Perception 2017
- Modeling Poker Challenges by Evolutionary Game Theory. Marco Alberto Javarone, 7(4) 39, Games, 2016
- An Evolutionary Strategy based on Partial Imitation for Solving Optimization Problems. Marco Alberto Javarone. <http://arxiv.org/abs/1602.04186> Physica A: Statistical Mechanics and Its Applications 463, 2016
- The Role of Noise in the Spatial Public Goods Game. Marco Alberto Javarone and Federico Battiston. <http://arxiv.org/abs/1605.08690> Journal of Statistical Mechanics: Theory and Experiment P073404 2016
- Conformity-driven agents support ordered phases in the spatial Public Goods Game. Marco Alberto Javarone, Alberto Antonioni and Francesco Caravelli EPL 114(3) 38001 2016 (*Listed among “The 2016 “Top of the Top” Biophysical Works in the World”* <http://dx.doi.org/10.1142/S1793048016010037>)
- Modeling Radicalization Phenomena in Heterogeneous Populations. Serge Galam and Marco Alberto Javarone. PloS ONE 11(5): e0155407 2016
- Statistical Physics of the Spatial Prisoner's Dilemma with Memory-aware Agents. Marco Alberto Javarone. European Physical Journal B (89:2) 2 2016
- Emerging Heterogeneities in Italian Customs and Comparison with Nearby Countries. Elena Agliari, Adriano Barra, Andrea Galluzzi, Marco Alberto Javarone, Andrea Pizzoferrato, Daniele Tantari. PloS ONE 10(12): e0144643 2015

- Conformism-driven phases of opinion formation on heterogeneous networks: The q-voter model case. Marco Alberto Javarone and Tiziano Squartini, *Journal of Statistical Mechanics: Theory and Experiment*, P10002, 2015
- The Role of Competitiveness in the Prisoner's Dilemma. Marco Alberto Javarone and Antonio Emanuele Atzeni. *Computational Social Networks* (2) 2015
- Fermionic Networks: Modeling Adaptive Complex Networks with Fermionic Gases. Marco Alberto Javarone. *International Journal of Modern Physics – C*, 2015
- Is Poker a Skill Game? New Insights from Statistical Physics. Marco Alberto Javarone. *EuroPhysics Letters (EPL)*, 110 – 58003, 2015
- Poker as a Skill Game: Rational vs Irrational Behaviors. Marco Alberto Javarone. *Journal of Statistical Mechanics: Theory and Experiment*, P03018, 2015
- Gaussian networks generated by random walks. Marco Alberto Javarone. *Journal of Statistical Physics*, 159-1, 2015
- Social Influences in Opinion Dynamics: the Role of Conformity. Marco Alberto Javarone. *Physica A: Statistical Mechanics and Its Applications – volume 414*, 2014
- Network Strategies in the Election Campaigns. Marco Alberto Javarone. *Journal of Statistical Mechanics: Theory and Experiment – volume 2014 – P08013*. 2014
- Opinion Dynamics and Linguistic Competitions. Marco Alberto Javarone. *Social Physics (No.5)*, Beijing: Science Press, 2014, 82-92
- Competitive dynamics of lexical innovations in multi-layer networks. Marco Alberto Javarone. *International Journal of Modern Physics C*. DOI: 10.1142/S012918311450048X
- Emergence of acronyms in a community of language users. Marco Alberto Javarone and Giuliano Armano. *European Physical Journal – B*. 86:474 2013
- Perception of similarity: a model for social networks dynamics. Marco Alberto Javarone and Giuliano Armano. *Journal of Physics A: Mathematical and Theoretical*. 46-455102 2013
- Quantum-classical transitions in complex networks. Marco Alberto Javarone and Giuliano Armano. *Journal of Statistical Mechanics: Theory and Experiment*. P04019 2013
- Clustering Datasets by complex networks analysis. Giuliano Armano and Marco Alberto Javarone. *Complex Adaptive Systems Modeling*. 1:5 2013
- A. Viridis, E. Mara, M.A. Javarone, S. Zanda. Prevention on patient's falls in University Hospital Sassari. *Annali di Igiene*; 24: 1-1 2012 (in Italian)

Conference Proceedings:

- From Bitcoin to Bitcoin Cash: a Network Analysis. Marco Alberto Javarone and Craig S. Wright, *ACM MobiSys, CryBlock2018 Munich Germany*, 2018
- Modeling Evolutionary Dynamics of Lurking in Social Networks. Marco Alberto Javarone, Roberto Interdonato, Andrea Tagarelli, *CompleNet16 Springer-Verlag Studies in Computational Intelligence* 2016
- Modeling Socio-Psychological Behaviors in the Era of the WWW: a Brief Overview. Marco Alberto Javarone. (KDWEB15, CEUR-WS on-line proceedings series), 2015
- Emergence of Cooperation in the Prisoner's Dilemma Driven by Conformity. Marco Alberto Javarone, Antonio Emanuele Atzeni, Serge Galam. *Application of Evolutionary Computation. Lecture Notes in Computer Science*, 9028 *EvoApp2015* (Copenhagen, Denmark).
- Emergence of Cooperation in Competitive Environments. Marco Alberto Javarone and Antonio Emanuele Atzeni. *Signal-Image Technology and Internet-Based Systems (SITIS) 2014 IEEE – Complex Networks 2014* (Marrakech – Morocco)

- SEDNAM -Socio-Economic Dynamics: Networks and Agent-based Models – Introduction. Serge Galam, Marco Alberto Javarone and Tiziano Squartini. SEDNAM – SociInfo2014 – Barcelona Springer Lecture Notes in Computer Science, 8852 (2015)
- Emergence of Extreme Opinions in Social Networks. Marco Alberto Javarone and Serge Galam. CrimeNet – SociInfo2014 – Barcelona Springer Lecture Notes in Computer Science, 8852 (2015)
- The Role of the Shannon Entropy in the identification of acronyms. Marco Alberto Javarone. Studies in Computational Intelligence Volume 549. CompleNet14 Bologna March (Springer)
- Phase Transitions in Fermionic Networks. Marco Alberto Javarone and Giuliano Armano. 11th International Conference on Adaptive and Natural Computing Algorithms (ICANNGA13), LNCS Springer 2013
- A Fitness Model for Epidemic Dynamics in Complex Networks. Marco Alberto Javarone and Giuliano Armano. The 8th International Conference on Signal Image Technology and Internet Based Systems (SITIS2012) - IEEE Workshop on Complex Networks and Their Applications, 2012

Books

- Statistical Physics and Computational Methods for Evolutionary Game Theory. Marco Alberto Javarone, Springer January 2018

Book Chapters

- Poker Cash Game: a Thermodynamic Description. Marco Alberto Javarone. Theory and Applications in Mathematical Physics. World Scientific, 2015
- Complex Networks and Epidemiology. Marco Alberto Javarone and Giuliano Armano. Complex Networks and Their Applications – Chapter 8. Cambridge Scholars Publishing. 2014
- Clustering. Davide Eynard, Marco Alberto Javarone and Matteo Matteucci. Encyclopedia of Social Network Analysis and Mining - ESNAM. Springer 2014

PhD Thesis

- Physical Mathematics: Statistical Physics of Evolutionary Game Theory and its Applications. Marco Alberto Javarone. Tutor: Prof. Salvatore Mignemi and Dr. Adriano Barra
- Computer Engineering: Models and Frameworks for Studying Social Behaviors. Marco Alberto Javarone. Cagliari, 2013 Tutor: Prof. Giuliano Armano http://veprints.unica.it/860/1/Javarone_PhD_Thesis.pdf

Draft

- An epidemiological model with voluntary quarantine strategies governed by evolutionary game dynamics, M.A. Amaral, M.M. de Oliveira, M.A. Javarone, submitted, available on arxiv:2008.05979, 2020

Talks (T) Posters (P) Tutorial (TL) Seminar (S)

- (T) Emerging Patterns in the Bitcoin Network. Marco Alberto Javarone and Craig Wright. BlockNet2018, Paris, June 2018
- (T) From Bitcoin to Bitcoin Cash: a Network analysis. Marco Alberto Javarone and Craig Wright. CryBlock2018, Munich, June 2018
- (P) Uncovering the Dynamics of Consciousness on Multiplex Networks: a preliminary analysis. Marco Alberto Javarone and Srivas Chennu. Network Neuroscience, Paris, June 2018

- (T) Investigating consciousness and its disorders by network analysis. Marco Alberto Javarone. Data Natives, London 2018
- **(S) Invited seminar.** Marco Alberto Javarone. Evolutionary Game Theory: a brief introduction. International Summer School: Mediterranean School of Complex Networks. Salina, Sicily (Italy), 06/09/2017.
- (TL). Marco Alberto Javarone. Evolutionary Game Theory: Models and Applications. European Conference on Artificial Life 2017, Lyon (France), 07/09/2017
- (T) Marco Alberto Javarone. An Evolutionary Game for Modeling the Emergence of Innovation in Social Systems. Dubrovnik (Croatia), 2017
- (P) Marco Alberto Javarone. Poker Games on Complex Networks. International Workshop on Complex Systems and their Applications. Milano, 2016
- (T) Marco Alberto Javarone. The Public Goods Game as Heuristic for Solving Optimization Tasks. CCS16, Amsterdam, Sept. 2016
- (T) Marco Alberto Javarone, Alberto Antonioni, Francesco Caravelli. Conformity-driven agents support ordered phases in the spatial public goods game. CCS16, Amsterdam, Sept. 2016
- (T) Marco Alberto Javarone. Skill games versus gambling: from Poker to financial markets. An old debate faced by Statistical Physics. Satellite co-located at CCS16 Computational Social Science: Social Contagion, Collective Behaviour, and Networks Amsterdam, Sept. 2016
- **(TL) Invited tutorial.** Marco Alberto Javarone. Social Behaviors through Networks: Models and Applications. International Workshop on Knowledge Discovery on the Web - KDWeb2016. Cagliari, 8-10 Sept. 2016
- (T) Marco Alberto Javarone. Statistical Physics of Evolutionary Games: from the emergence of cooperation to optimization problems. STATPHYS26, Lion France, July 2016
- (T) Marco Alberto Javarone. A mean field approach to the emergence of cooperation in evolutionary games. Econophysics Colloquium 15, Prague, September 2015
- (P) Marco Alberto Javarone. Modeling Socio-Psychological Behaviors in the Era of the WWW: a Brief Overview. KDWEB15, Cagliari, September 2015
- (T) Marco Alberto Javarone. Is Poker a skill game? IC2S2 – International Conference on Computational Social Science, Helsinki, June 2015
- (T) Marco Alberto Javarone and Serge Galam. Modeling Group Polarization in Terrorism Dynamics. IC2S2 – International Conference on Computational Social Science, Helsinki, June 2015
- **(T) Keynote Speaker** Marco Alberto Javarone. Opinion Dynamics in Criminal Contexts. NetCrime 2015, co-located at NetSci 2015, Saragoza (Spain), June 2015
- **(T) Invited-talk** Marco Alberto Javarone. Poker Challenges: a sociophysical perspective. Workshop on Sociophysics. 30-31 March 2015 (Paris - France)
- (T) Marco Alberto Javarone and Antonio Emanuele Atzeni. Emergence of Cooperation in Competitive Environments. Signal-Image Technology and Internet-Based Systems (SITIS) 2014 IEEE – Complex Networks 2014 (Marrakech – Morocco)
- (T) Marco Alberto Javarone and Serge Galam. Emergence of Extreme Opinions in Social Networks. CrimeNet – SociInfo2014 – Barcelona
- (T) Marco Alberto Javarone. Poker as a Skill Game: Rational vs Irrational Behaviors. Lucca-ECCS14
- (T) Antonio Emanuele Atzeni and Marco Alberto Javarone. Emergence of Cooperation in the Prisoners's Dilemma in Two-Dimensional Spaces. Lucca-ECCS14 – SEDPAM
- (P) Marco Alberto Javarone and Tiziano Squartini. Conformism-driven phase transition on heterogeneous networks: the q-voter model case. Lucca-ECCS14
- (P) Marco Alberto Javarone. The Role of the Shannon Entropy in the identification of acronyms. CompleNet14 Bologna March (Springer)

- (T) Marco Alberto Javarone and Giuliano Armano, The Acronyms Game, ECCS13 - Satellite 'CSS: from Social Contagion to Collective Behavior'. Barcelona 2013
- (T) Marco Alberto Javarone and Giuliano Armano, Phase Transitions in Fermionic Networks, 11th International Conference on Adaptive and Natural Computing Algorithms (ICANNGA13) 2013
- (T) Marco Alberto Javarone and Giuliano Armano, A Fitness Model for Epidemic Dynamics in Complex Networks, The 8th International Conference on Signal Image Technology and Internet Based Systems (SITIS2012) - IEEE Workshop on Complex Networks and Their Applications, 2012
- (P) A. Liberati, M.A. Javarone, G. Frigo, A. Salvago, G. S. Doneddu, R. Fadda, T. Striano and A. Chessa. Lévy Flights Search Patterns In Children with ASDs Exploring Social Stimuli. International Meeting for Autism Research (IMFAR), May 12-14, 2011

Data

15/09/2020

Luogo

Sassari