

Simone Righi

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HUNGARIAN ACADEMY OF SCIENCES

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Personal Informations

Citizenship: Italian
Date of Birth: 05/12/1981
Sex: Male
Civil Status: single

Current Positions

Since november 2012: Research Fellow (Post-doc) in the "Lendület" Research Center for Educational and Network Studies (RECENS) of the Hungarian Academy of Sciences (MTA TK).

Since october 2010: Researcher in the Namur Center for Complex Systems

Graduate Studies

University of Namur, Department of Economics and Centre de recherche en économie du développement (CRED) - September 2009 to June 2012

Thesis title: Essays in information aggregation and political economics

Ph.D. thesis committee: Prof. Gani Aldashev (supervisor, Namur), Prof. Timoteo Carletti (co-supervisor, Namur), Prof. Marco Li Calzi (University of Venice), Prof. Enrico Diecidue (INSEAD-Paris), Prof. Micael Castanheira (Ecares, Bruxelles), Prof. Guillaume Deffuant (Irstea-Aubire).

References:

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Department of Management
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Decision Science Area
INSEAD
Boulevard de Constance
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Undergraduate Studies

Bachelor Degree in Economics, Networks and Innovation

Grade: 100/110

Faculty of Communication and Information Sciences - University of Modena and Reggio Emilia (Italy)

Title of the Thesis: Open Source Intelligence Relation on the stage did at ExpertWeb S.r.l

Master Degree in Economics and Management of Networks and Innovation (2003/2005)

Grade: 110/110 with Laude

Faculty of Communication and Information Sciences - University of Modena and Reggio Emilia (Italy)

Title of the Thesis: Creation of an Industrial District and of Innovation from the point of view of the complexity theory.

Research Fields

- Social Networks
- Social Interactions
- Economic Dynamics
- Political Economics

Linguistic skills

- Italian (Mother tongue)
- English
- French
- Basic Spanish

Research experience

September 2005 - September 2007, University of Modena and Reggio Emilia, Department of Social, Cognitive and Quantitative sciences, Research Assistant

September 2007 - September 2009, University of Namur, Department of mathematics. Researcher.

September 2009 - June 2012, University of Namur, Department of economics. Ph.D. Student.

Professional Activities

Seminars:

September 2009, University of Namur, Department of Mathematics, **Opinion dynamics and Applications**

November 2011, University of Namur, CRED Workshop, **Campaigning and its influence on electors in a probabilistic voting model**

January 2012, Louvain School of Economics, Doctoral Workshop, **Campaign spending and rents in a probabilistic voting model**

December 2012, University of Verona (Department of Economics), **Follies subdued: informational efficiency under adaptive expectations and confirmatory bias**

January 2013, Hungarian Academy of Sciences ("Lendület" Recens Seminars), **Essays in information aggregation**

January 2013, University of Venice (Department of Economics), **Follies subdued: informational efficiency under adaptive expectations and confirmatory bias**

Conferences:

May 2008, International Workshop "Socio-Physics: Status and Perspectives" (Turin, IT) , **Network evolution in an opinion dynamics model with groups meetings**

September 2008, Workshop on Artificial Life and Evolutive Computation (Venice, IT), **Shaping opinions in a social network**

September 2009, European Conference on Complex Systems (Warwick, UK), **The influence of social network topology in a opinion dynamics model**

December 2009, Conference of the Italian Association for Artificial Intelligence (Reggio Emilia, IT), **How Opinion Dynamics Shapes Social Networks Topology**

September 2010, Dynamical Models in Economics and Finance (Urbino, IT), **Follies subdued: Informational Efficiency under Adaptive Expectations and Confirmatory Bias**

September 2012, European Conference on Complex Systems (Bruxelles, BE), **Face-to-face discussions: networking or opinions exchange?**

September 2012, 8th Conference of the European Social Simulation Association (Salzburg, A), **Behavioral Biases and Informational Inefficiency in an Agent-Based Financial Market**

Referee Service: Computational Economics; Accounting, Economics and Law: A Convivium

Conferences Organization: Member of the program committee of ECCS 2012, track "Social Systems, Economics and Finance"

Teaching:

Teacher of the course "Social Network Analysis" held at University of Modena and Reggio Emilia in Winter 2006

Substitute professor of the courses "Economics and Politics" (Master Course) held at University of Namur in Spring 2012 and "Probability and Statistics" (bachelor course), held at the University of Modena and Reggio Emilia, Spring 2006.

Other Scientific and Administrative tasks:

July 2005-August 2007: Scientific and administrative responsibility for the partner Mediacontech S.p.a. for its participation in the European Research Project CETRA (Complexity Education For Trainers)

October 2005-July 2006: Organizational and administrative support in the European Project ISCOM (Information Society as a Complex System), with responsibility for the redaction of financial documents, final reports and for the organization of Meetings.

Scholarships and Prizes

Starting grant from ESCP-Europe (Paris) for the scientific project: *Effects of localized social and cognitive interactions under alternative financial regulation regimes on Financial Market Prices Dynamics.*

Best student paper at the European Social Simulation Association Conference 2012 (Salzburg, Austria) for the paper "Behavioral Biases and Informational Inefficiency in an Agent-Based Financial Market".

FSR (Fonds spécial de recherche - Special research funds) grant from september 2007 to september 2009

PAI (Pôles d'attraction interuniversitaire) grant from september 2009 to june 2012.

Journal Publications

- Carletti, T., Righi S. (2010) **Weighted Fractal Networks**, Physica A, volume 389, pp. 2134-2142
- Carletti, T., Fanelli D., Righi S., (2011) **Emerging structures in social networks guided by opinions' exchanges**, in Advances in Complex Systems, volume 14, issue 1, pp. 13-30
- Aldashev G., Carletti T., Righi, S. (2011), **Follies subdued: Informational Efficiency under Adaptive Expectations and Confirmatory Bias**, in Journal of Economic Behavior and Organization, volume 80, pp. 110-121

Chapter in Books

- Righi S. (2007), **Complexity and Innovation**, in Marco Villani et al., (2007) Educating Managers in Complexity, Aracne Editrice, Roma.
- Dall E., Righi S. (2008) **Evaluating Project Communications with social network Analysis**, in Hochgerner & Cornejova, Communication in International R&D Projects, (2008), Barrister & Principal, Brno (CZ).

Conference Proceedings

- Carletti T., Righi S. (2008) **Shaping Opinions in a Social Network**, Proceedings of Wiwace 2008 Italian Workshop of Artificial Life and Evolutive Computing (ISBN: 978-981-4287-44-9)
- Righi S., Carletti T. (2009), **The influence of social network topology in a opinion dynamics model**, Proceeding of the European Conference on Complex systems 2009 (ISBN: 0-9554123-1-5)
- Righi S., Carletti T., (2009), **How Opinion Dynamics Shapes Social Networks Topology**, Proceedings of AI*IA Conference (Italian Association for artificial Intelligence) ISBN: 978-88-903581-1-1
- Righi S., Carletti T., Aldashev G. (2012), **Behavioral Biases and Informational Inefficiency in an Agent-Based Financial Market**, Proceedings of European Social Simulation Association Conference 2012.

- Righi S., Carletti T. (2011), **Face-to-face discussions: networking or opinions exchange?**, Proceedings of European Conference on Complex Systems 2012 (forthcoming).

Work in Progress and Working Papers

- Righi S. (2012), **Campaign Spending and Rents in a Probabilistic Voting Model**, Working Paper, Namur.
- Aldashev G., Carletti T., Righi S. (2010), **Adaptive expectations, confirmatory bias, and informational efficiency**, Naxys technical Report.
- Righi S., Carletti T. (2011), **Face-to-face discussions: networking or opinions exchange?**, Work in Progress
- Righi S., Carroni E. (2012), **Local Network externalities and price discrimination**, Work in Progress