

Dr. Francesca Giardini

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Academic positions

2016 – present Assistant professor of Sociology, University of Groningen

2014 - 2016 Researcher, Institute of Cognitive Sciences and Technologies (ISTC), National Research Council of Italy (CNR)

2012 - 2014 Post-doctoral research fellow, Institute of Cognitive Sciences and Technologies (ISTC), National Research Council of Italy (CNR)

2010 - 2012 Post-doctoral research fellow, Department of Cognitive Science, Central European University (CEU), Budapest (Hungary)

2006 - 2010 Post-doctoral research fellow, Institute of Cognitive Sciences and Technologies (ISTC), National Research Council of Italy (CNR)

Education

2006 Ph.D., Cognitive Science, Università degli Studi di Siena, Siena (IT)

2002 M.A., Media and Communication Studies (110/110), Università degli Studi di Siena, Siena (IT)

Teaching Activity

September 2018 – present Coordinator of the Masters track “Social networks and sustainable cooperation”, Msc in Sociology, University of Groningen

2016 – present Lecturer in Msc in Sociology, English Track “Social networks and sustainable cooperation”

Courses	Academic Year	Level and Institution
Policy design with network applications (5 ECTS); Policy evaluation with network applications (with M. Rol) (5 ECTS); Research forum for thesis preparation (5 ECTS)	2016-2017	Msc in Sociology University of Groningen
Policy design with network applications (5 ECTS); Policy evaluation with network applications (with M. Rol) (5 ECTS); Research forum for thesis	2017-2018	Msc in Sociology University of Groningen

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preparation (5 ECTS) Theories of networks and sustainable cooperation (with R. Wittek) (5 ECTS)		
Policy design with network applications (5 ECTS); Research forum for thesis preparation (5 ECTS) Theories of networks and sustainable cooperation (5 ECTS)	2018-2019	Msc in Sociology University of Groningen
Networks and social media (8 ECTS)	2015-2016	MA in Cognitive processes and Technologies International Telematic University Uninettuno (Italy)
Management of Organizations	2011-2012 2012-2013	BA in Economics, Burgundy School of Business ESC Dijon (France)
Strategic cognitions and social preferences	2011-2012	PhD program in Cognitive Science Central European University, Budapest (Hungary)

Master and PhD supervision (2016-present)

Master thesis supervision:

- V. Buijs (graduated 2017)
- F. Nieuwenhuis (graduated 2017)
- J. Aalders (expected end 2018)

Second reader

- B. Van Der Mark (second reader; graduated 2018)
- D. Gida Hevesi (second reader)

PhD Supervision

- T. Teekens (expected 2021)
- J.L. Estevez Navarro (expected 2021)

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Grants and Awards

- Italian Association of Cognitive Science (AISC) Best paper award, 2015
- CNR Short Term Mobility Grant for a research visit at University of Groningen, Department of Sociology, The Netherlands (in collaboration with Prof. Rafael Wittek), 2015
- CNR Short Term Mobility Grant for a research visit at Queens' University, Department of Psychology, Kingston, Canada (in collaboration with Prof. Stanka Fitneva), 2013
- Gossip and the management of reputation, NIAS-Lorenz Program (13000 Euros), Co-applicant Rafael Wittek, 2013

Fellowships

- University of Siena Visiting Fellowship (Visiting student at the *Institut des Sciences Cognitives - ISC CNRS*, Lyon, France) February 2004 – January 2005
- University of Siena PhD Fellowship (2002-2005)

Management and Organization Activities (last 5 years)

- Organizer (with A. Flache and M. Maes) of the workshop “Social complexity and laboratory experiments. Testing assumptions and predictions of social simulation models with experiments” at Social Simulation Conference 2018, Stockholm, August 20-24, 2018
- Organizer (with L. Heyse and R. Wittek) of the session “Inter-organizational networks and sustainable cooperation” at XXXVIII Sunbelt Conference, Utrecht, June 26-July 1, 2018
- Chair of the Organizing Committee of the Social Simulation Conference 2016, Rome, September 19-23, 2016
- Organizer (with R. Wittek) of the NIAS-Lorenz Workshop on "Gossip and Reputation Management: The intersection between the Social, the Natural and the Computational Sciences", Leiden, August 26-30, 2013

Memberships

- 2016 – present (2 terms) Elected Member of the Management Committee of the European Association of Social Simulation
- 2017 BIGSSS-CSS-2018 Experts Program Committee of the BIGSSS Summer

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Schools in Computational Social Science on Conflicts

- 2016 Member of the Interuniversity Center for Social Science Theory and Methodology (ICS)
- 2016 Member of the Center for Philosophy, Politics and Economics at the University of Groningen
- 2016 Affiliated member of the Groningen Center for Social Complexity Studies.

Service to the Academic Community

- a) Member of the program committee of more than 10 national (AISC 2008 – 2012) and international conferences (AAMAS 2009; AAMAS 2010; CogSci 2009; CogSci, 2011; CogSci 2013; ESSA 2018; ESSA 2009; ICORE2009; ICORE 2011; Social Simulation 2016; Social Simulation 2018), and workshops (AISB2013; BWSS2012; MABS2012; SNAMAS2010).
- b) Member of the editorial board of *Frontiers in Social Physics*.
- c) Reviewer for the following journals: *Evolution and Human Behavior*, *International Journal of Disaster Risk Reduction*, *Journal of Social and Personal Relationships*, *Evolutionary Psychology*, *Scientific Reports*, *International Journal of Human-Computer Studies*, *International Journal of Social Robotics*, *Mind & Society*, *Review of Philosophy and Psychology*, *IEEE Intelligent Systems*, *Journal of Artificial Societies and Social Simulation*, *Theory in Bioscience*.
- d) Reviewer for the European Research Council (ERC Consolidator) and for the Dutch National Academy of Science Talent Scheme (NWO VENI) and for the Us National Science Foundation.

On-going Grants

<i>Project Title</i>	<i>Funding source</i>	<i>Amount (Euros)</i>	<i>Period</i>	<i>Role</i>
Interdisciplinaire leernetwerken in het mbo	NWA Startimpuls	90.000	2018-2019	Research coordinator

Selected Talks (last five years; invited talks are in bold)

1. **“Sustainable cooperation and reputation change”**, Amsterdam Cooperation Lab, Vrije Universiteit Amsterdam, 04/12/2018
2. “How can we successfully integrate models and experiments? The case of social control mechanisms”, talk at the workshop “Social complexity and laboratory experiments. Testing assumptions and predictions of social simulation models with experiments.”, Social Simulation 2018, 20/08/2018, Stockholm (SE)
3. **“Power to the triad! A mechanism-based approach to the interplay between gossip, reputation and cooperation”**, keynote speaker at the “International workshop on Gossip, Reputation and Honesty”, 17/05/2018, Budapest (HU)
4. **“Language and networks for reputation-based cooperation”**, RECENS, Hungarian Academy of Science, 15/05/2018, Budapest (HU)
5. “Gossip and Reputation for Uncertainty Reduction and Cooperation”, Winter School on Politics, Philosophy and Economics, Department of Philosophy, University of Groningen, 30/01/2018
6. **“Can we trust reputation?”**, Department of Economics, Middlesex University, 17/01/2018, London (EN)
7. **“Understanding reputation”**, Department of Sociology, DATE University of Utrecht (NL)
8. **“The power of reputation”**, Department of Psychology, University of Stockholm, 27/10/2015, Stockholm (SE)
9. **“Reputation for cooperation: Theory and Simulation”**, Seminario del Grupo Interdisciplinar de Sistemas Complejos, University Carlos III, 9/06/2014, Madrid (ES).
10. **“From Talanoa to Tripadvisor: An institutional account of gossip and reputation”**, SINTELNET Colloquium Institutions in the Intelligent Web, 12/05/2014, Sant Carles de la Rapita (ES).
11. **“Modelli cognitivi e dinamiche della reputazione: Teoria, esperimenti, simulazioni”**, Center for Complex Dynamics, University of Florence, 10/02/2014, Florence (IT).
12. **“Gossip and reputation for natural and artificial societies”**, Department of Psychology, Queens' University, 7/11/2013, Kingston (CA).
13. **“Punishment and gossip: Sustaining cooperation in a Public Goods Game”**, Paper presented at ESSA13, the European Conference on Social Simulation, 18/09/2013, Warsaw (PL).
14. **“Reputation for partner choice”**, Cerisy Colloque (2013) “Morale et

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- cognition : l'épreuve du terrain", 4-11/09/2013, Cerisy-la-Salle (FR).
15. **"Scienze cognitive e gossip: Come essere scelti dai partner affidabili e isolare i free-rider"**, Mid-term conference, AISC (Italian Society for Cognitive Science), University of Trento, 17- 19/06/2013, Trento (IT).
 16. **"Reputation management and transmission"**, LESSAC, ESC Burgundy School of Business, 11/03/2013, Dijon (FR).

List of publications (Last 5 years)

Journal Articles (National and International)

1. Giardini, F., Vilone, D. (2016). Evolution of gossip-based indirect reciprocity on a bipartite network, *Scientific Reports* 6, 37931
2. Conte, R., Giardini, F. (2016). Towards computational and behavioral social science, *European Psychologist* 21 (2), 131-140
3. Capraro, V., Giardini, F. Vilone, D., Paolucci, M. (2016). Partner selection supported by opaque reputation promotes cooperative behavior, *Judgment and Decision Making*, 11(6), 589-600 {joint first authorship}
4. Giardini, F., Guazzini, A., Duradoni, M., Paolucci, M., Brigida, L., Vilone, D., Bagnoli, F.(2016). Incentivi reputazionali alla cooperazione in un gioco competitivo tra adolescenti: uno studio sperimentale, *Sistemi intelligenti* 28 (2-3), 215-232
5. Giardini, F., Vilone, D., Conte, R. (2015). Consensus emerging from the bottom-up: the role of cognitive variables in opinion dynamics, *Frontiers in Interdisciplinary physics*, 3(64). doi: 10.3389/fphy.2015.00064
6. Heintz, C., Celse, J., Giardini, F., Max, S. (2015). Facing expectations: Those that we prefer to fulfill and those that we disregard, *Judgment and Decision Making*, 10 (5): 442-455.

Monographs and Edited Volumes

1. Giardini, F., Wittek, R. (Eds.) (in press). *The Oxford Handbook of Gossip and Reputation*, Oxford University Press: Oxford.
2. Giardini, F. (2017). *Cosa resta dell'onore* (What is left of honor), Il Mulino: Bologna.
3. Giardini, F. (2015). *La tentazione della vendetta* (The temptation of revenge), Il Mulino: Bologna.
4. Giardini, F., Amblard, F. (Eds) (2013). *Multi-Agent-Based Simulation XIII*, International Workshop, MABS 2012, Valencia, Spain, June 4-5, 2012, Revised Selected Papers, Series: Lecture Notes in Computer Science, Heidelberg Berlin: Springer-Verlag.

Book Chapters

1. Giardini, F., Wittek, R. (in press). Gossip and Reputation - A Multidisciplinary Research Program, in Giardini, F., Wittek, R. (Eds.) *The Oxford Handbook of Gossip and Reputation*, New York: Oxford University Press.

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2. Giardini, F., Wittek, R. (in press). Social and cultural foundations of gossip and reputation, in Giardini, F., Wittek, R. (Eds.) *The Oxford Handbook of Gossip and Reputation*, New York: Oxford University Press.
3. Giardini, F. (in press). Gossip, in G. Origgi (ed.) *Dictionnaire des Passions Sociales*, PUF, Paris
4. Giardini, F., Conte, R. (forthcoming). "From Talanoa to TripAdvisor or the other way round? A socio- cognitive perspective of gossip as an informal mechanism for institutional support", in Casanovas, P., Noriega, P. (Eds.) *Institutions in the intelligent web*, Heidelberg Berlin: Springer-Verlag.
5. Giardini, F., Conte, R. (forthcoming). "Reputation and gossip may promote moral behaviors in humans", in Heintz, M. & I. Rivoal (Eds.), *Morale et cognition: l'épreuve du terrain*, CNRS Editions.
6. Vilone, D., Giardini, F., Paolucci, M. (2016). Reputation-based partner selection and network topology support the emergence of cooperation in groups, in F. Cecconi (Ed.) *New frontiers in the study of social phenomena. Cognition, complexity, adaptation*, Heidelberg Berlin: Springer-Verlag, 101-115.
7. Giardini, F., Conte, R. (2015). Revenge and conflict: Social and cognitive aspects, in F. D'Errico, A. Vinciarelli and I. Poggi (Eds.), *Conflict and negotiation: Social research and machine intelligence*, Series: Lecture notes in Computational Social Science, Heidelberg Berlin: Springer-Verlag, 71-89.
8. Giardini, F., Paolucci, M., Adamatti, D., Conte, R. (2015). Group size and gossip strategy: An ABM tool, in E. Norling, F. Grimaldo (Eds.), *MABS XV*, Series: Lecture Notes in Computer Science, Heidelberg Berlin: Springer-Verlag, 104-120.
9. Giardini, F., Paolucci, M., Conte, R. (2013). Reputation, In B. Edmonds, S. Moss (Eds.), *Simulating Social Complexity: A Handbook*, Heidelberg Berlin: Springer-Verlag, 365-401 (a second thoroughly updated and revised version was published in 2017)
10. Giardini, F., Paolucci, M., Villatoro, D., Conte, R. (2013). Punishment and gossip: sustaining cooperation in a Public Goods Game, in Kaminski, B., Koloch, G. (Eds.), *Advances in Social Simulation* (Post- proceedings of ESSA2013 - European Conference on Social Simulation), Springer Series in Advances in Intelligent Systems and Computing, Heidelberg Berlin: Springer-Verlag, 107-118.