

CURRICULUM VITAE di:

Nominativo	Paolo Pin
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Posizione accademica

Macrosettore:	
Settore Concorsuale:	13/A1 Economia Politica
Settore Scientifico Disciplinare:	SECS P/01 Economia politica
Qualifica:	Professore prima fascia
Anzianità nel ruolo:	primo anno
Sede Universitaria:	Siena
Struttura di afferenza (dipartimento o altro)	DEPS

Academic Career

- 2019-current Professor, Dipartimento di Economia Politica e Statistica, Università di Siena, Italy
- 2016-current Fellow, I. Gasparini Institute for Economic Research (IGIER), Università Bocconi, Italy
- 2016-current Fellow, Bocconi Institute for Data Science and Analytics (BIDSA), Università Bocconi, Italy
- 2016-2019 Associate Professor, Department of Decision Sciences, Università Bocconi, Italy
- 2008-2016 *Ricercatore*, Dipartimento di Economia Politica e Statistica, Università di Siena, Italy
- 2008-2009 *Max Weber Fellowship* in Economics, *European University Institute* (EUI), Florence, Italy
- 2007-2008 Post-Doc at the Condensed Matter and Statistical Physics section at ICTP, Trieste, Italy

Publicazioni Scientifiche

Articles in Refereed Journals

- 1) Bring a friend! Privately or Publicly? (2018), with Elias Carroni and Simone Righi, accepted for publication on *Management Science*;

- 2) Altruism and the Pressure to Share: Laboratory Evidence from Tanzania (2019) with Salvatore Di Falco, Peter Martinsson and Razack Lokina, *PLOS ONE* 14 (5): e0212747;
- 3) Network-based Risk Measurements for Interbank Systems (2018), with Yongli Li and Guanghe Liu, *PLOS ONE* 13 (7): e0200209;
- 4) The Stochastic Stability of Decentralized Matching on a Graph (2018), with Leonardo Boncinelli, *Games and Economic Behavior* 108, 239-244;
- 5) Ties that Bind: Network Redistributive Pressure and Economic Decisions in Village Economies (2018), with Salvatore Di Falco, Francesco Feri and Xavier Vollenweider, *Journal of Development Economics* 131, 123-131;
- 6) Contagious disruptions and complexity traps in economic development (2017), with Matthew Bonds, Charles Brummitt, Kenan Huremovic and Fernando Vega Redondo, *Nature Human Behaviour* 1, 665-672;
- 7) Constrained Mobility and the Evolution of Efficient Outcomes (2017), with Elke Weidenholzer and Simon Weidenholzer, *Journal of Economic Dynamics and Control* 82, 165-175;
- 8) Utility-Based Model for Characterizing the Evolution of Social Networks (2017), with Yongli Li and Peng Luo, *IEEE Transactions on Systems, Man, and Cybernetics: Systems* 99, 1-12;
- 9) Friendship Network in the Classroom: Parents Bias and Peer Effects (2016), with Fabio Landini, Natalia Montinari and Marco Piovesan, *Journal of Economic Behavior and Organization* 129, 56-73;
- 10) Paying Positive to Go Negative: Advertisers' Competition and Media Reports (2016), with Andrea Blasco and Francesco Sobbrío, *European Economic Review* 83, 243-261;
- 11) Cooperation, Punishment and Immigration (2015) with Brian Rogers, *Journal of Economic Theory* 160, 72-101;
- 12) A network centrality method for the rating problem (2015), with Yongli Li and Chong Wu, *PLOS ONE* 10 (4): e0120247;
- 13) Communities and Social Inefficiency with Heterogeneous Groups (2014), with Alberto Dalmazzo and Diego Scalise, *Journal of Economic Dynamics and Control* 48, 410-427;
- 14) Is there psychological pressure in competitive environments? (2013) with Francesco Feri and Alessandro Innocenti, *Journal of Economic Psychology* 39, 249-256;
- 15) The Informational Divide (2013), with Manfred Nermuth, Giacomo Pasini and Simon Weidenholzer, *Games and Economic Behavior* 78, 21-30;
- 16) Homophily and Long-Run Integration in Social Networks (2012), with Yann Bramoullé, Sergio Currarini, Matthew Jackson and Brian Rogers, *Journal of Economic Theory* 147 (5), 1754-1786;
- 17) Excess Covariance and Dynamic Instability in a Multi-Asset Model (2012), with Mikhail Anufriev, Giulio Bottazzi and Matteo Marsili, *Journal of Economic Dynamics and Control* 36 (8), 1142-1161;
- 18) Stochastic Stability in the Best Shot Network Game (2012), with Leonardo Boncinelli, *Games and Economic Behavior* 75 (2), 538-554;
- 19) Collaboration in Social Networks (2012), with Luca Dall'Asta and Matteo Marsili, *Proceedings of the National Academy of Sciences* 109 (12), 4395-4400;
- 20) Optimal equilibria of the best shot game (2011) with Luca Dall'Asta and Abolfazl Ramezani, *Journal of Public Economic Theory* 13 (6), 885-901;
- 21) Eight Degrees of Separation (2011), *Research in Economics* 65 (3), 259-270;
- 22) Identifying the roles of race-based choice and chance in high school friendship network formation (2010), with Sergio Currarini and Matthew O. Jackson, *Proceedings of the National Academy of Sciences* 107 (11), 4857-4861;
- 23) Observed choices and underlying opportunities (2010), with Silvio Franz and Matteo Marsili, *Science and Culture* 76 (9-10), 471-476;
- 24) An Economic Model of Friendship: Homophily, Minorities and Segregation (2009), with Sergio Currarini and Matthew O. Jackson, *Econometrica* 77 (4), 1003-1045;
- 25) Assessing the relevance of node features for network structure (2009), with Ginestra Bianconi and Matteo Marsili, *Proceedings of the National Academy of Sciences* 106 (28), 11433-11438;
- 26) Effects of Tobin Taxes in Minority Game markets (2009), with Ginestra Bianconi, Tobias Galla and Matteo Marsili, *Journal of Economic Behavior and Organization* 70, 231-240;

- 27) Statistical Mechanics of maximal independent sets (2009), with Luca Dall'Asta and Abolfazl Ramezanzpour, *Physical Review E* 80 (6), 061136;
- 28) Optimization in task-completion networks (2008), with Luca Dall'Asta and Matteo Marsili, *Journal of Statistical Mechanics*, P02003;
- 29) Marginal contribution, reciprocity and equity in segregated groups: Bounded rationality and self-organization in social networks (2007), with Simone Giansante, Alan Kirman and Sheri Markose, *Journal of Economic Dynamics and Control*, 31 (6), 2085-2107;
- 30) Evolution of Risk Preferences (2006), *Mathematical Methods in Economics and Finance*, 1 (1), 65-76;

Entries in books and handbooks

- 31) Stochastic network formation and homophily (2016), with Brian Rogers, *Oxford Handbook on the Economics of Networks*, Y. Bramoullé, B. Rogers and A. Galeotti (Eds.), Oxford University Press;
- 32) Public Goods in Networks: A Statistical Mechanics Approach (2013), with Luca Dall'Asta and Abolfazl Ramezanzpour, Chapter 5 in "Game Theory and Applications – Volume 16", editors L. Petrosjan and V. Mazalov, NOVA Publisher, 59-80;
- 33) Simulations on Correlated Behavior and Social Learning (2010), with Andrea Blasco, in "Progress in Artificial Economics", editors M. LiCalzi, L. Milone and P. Pellizzari, Springer, 89-100;
- 34) The grass is always greener on the other side of the fence - The effect of misperceived signalling in a network formation process (2007), with Simone Giansante, Alan Kirman and Sheri Markose, in "Artificial Market Modeling", ed. Andrea Consiglio, Springer, 221-233;
- 35) A Model of Myerson-Nash equilibria in networks (2006), in "Artificial Economics", editors P. Mathieu, B. Beaufils and O. Brandouy, Springer, 175-188;

Books

- 36) in 2009 Editor VDM Verlag published a book from my 2007 PhD Thesis: "Four multi-agents economic models - From evolutionary competition to social interaction" (ISBN 3639186540).

Titoli ¹

Visiting

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| 2018 | <i>Honorary Appointment</i> at the Business School, University of Technology, Sydney, Australia |
| 2014 | program "Systemic Risk: Mathematical Modelling and Interdisciplinary Approaches", Isaac Newton Institute for Mathematical Sciences, Cambridge, UK |
| 2013 | Department of Economics, Stanford University, USA |
| 2012 | <i>Fernand Braudel Fellowship</i> , Department of Economics, <i>European University Institute</i> (EUI), Florence, Italy |
| 2004-2005 | <i>visiting student</i> , <i>Centre for Computational Finance and Economic Agents</i> (CCFEA), University of Essex, UK |

Editorial activities

¹ In via esemplificativa sono indicate alcune voci

- 2013-current member of the Editorial Board of *Journal of Economic Behavior & Organization*;
- 2013-current member of the Editorial Board of *Journal of Behavioral and Experimental Economics*;
- 2018-current member of the Editorial Board of PLOS ONE;
- 2018-current member of the Editorial Board of *Heliyon*;
- 2019-current guest editor for *Entropy*, for a special issue on "Social Networks and Information Diffusion II";
- 2018-2019 guest editor for *Information*, for a special issue on "Information Diffusion/Spreading in Social Networks";
- 2017 guest editor for *Games*, for a special issue on "Combinatorial Optimization and Games";
- 2013 guest editor for *Entropy*, for a special issue on "Social Networks and Information Diffusion".

Member of the *American Economic Association* and of the *Royal Economic Society*.

Research Project as Principal Investigator

2019-2022 PRIN project 2017ELHNNJ "The economics of vaccination", financed by the Italian Ministry of Research;

2018-2019 pilot project "The economics of vaccination", financed by Bocconi Senior Researchers' Grants.

Research Project as Co-Principal Investigator

2014-2016 project "Virtual social networks and entrepreneurship in low-income countries: A randomized controlled experiment in Ghana" with Emanuele Colonnelli, Fernando Vega Redondo and Constantine Yannelis, financed by the PEDL Exploratory Research Grant Projects;

2013-2015 project "Too central to fail: financial networks, risks and policy responses", with Valentyn Panchenko and Mikhail Anufriev, financed by the Centre for International Finance and Regulation in Sydney;

2013-2014 project "Bovine viral diarrhea virus (BVDV, BVDV3 genotype) and quantitative methods to calculate and identify the risk factors of the disease spreading in the cattle herd mobility network", with University of Turin and IZSAM Teramo, financed by the Italian Ministry of Health.

Presentations at invited seminars and workshops

2019 seminars: Department of Economics, University of Copenhagen; BELLS Lab, Bocconi;

workshops: *VERA workshop on the Economics of Social Interactions*, Venice; *III BEEN Workshop*, Università Statale di Milano; *Fifth Conference on Network Science and*

Economics, Indiana University; *24th CTN Workshop*, Aix-en-Provence; *Adansonia Conference*, Bocconi; *7th European Meeting on Networks*, Cambridge, UK;

- 2018 seminars: Business School, University of Technology Sydney, Australia; Social Science Division, New York University in Abu Dhabi, United Arab Emirates;
- workshops: *II BEEN Workshop*, Bologna; *Big Data: Challenges and New Trends*, Siena; *Workshop on Dynamic Models of Interactions*, Paris School of Economics; *ASSET Conference*, Florence;
- 2017 seminars: Dipartimento di Economia Politica e Statistica, Siena;
- 2016 seminars: University of East Anglia; GREQAM, Marseille; Department of Decision Sciences, Bocconi; Università Cattolica, Milan;
- workshops: *X GRASS Workshop on collective choices*, Florence;
- 2015 seminars: Center for Studies in Economics and Finance, Naples; Institute of Economics and Econometrics, University of Geneva;
- 2014 seminars: Isaac Newton Institute for Mathematical Sciences, Cambridge, UK; Department of Economics, Università di Verona; Department of Economics, University of Copenhagen; Department of Decision Sciences, Bocconi; Department of Economics, Università di Venezia; Department of Economics, University of Sussex, UK; School of Economics and Finance, Queen Mary, London, UK;
- workshops: *4th Ravello Workshop*, Italy;
- 2013 seminars: Department of Economics, Northeastern University, Boston; Dipartimento di Economia Politica e Statistica, Siena; University LUISS, Rome; Department of Economics, Stanford University; Department of Economics, Cal Tech; Department of Economics, Berkeley University;
- workshops: *Workshop on Social Capital*, Banca d'Italia, Rome; *WIN Workshop*, New York University; *VII GRASS Workshop on collective choices*, Pisa; *8th International Conference on Nonlinear Economic Dynamics*, Siena;
- 2012 seminars: Department of Economics, EUI, Florence; Economics Department, University of Essex; School of Economics, University of Amsterdam;
- workshops: *ASSET Annual Meeting*, Cyprus;
- 2011 seminars: Economic Department, Università di Pisa;
- workshops: *Max Weber Programme Lustrum Conference*, Florence;
- 2010 seminars: IMT, Lucca; Department of Economics, EUI, Florence; Center for Complex Systems, Università di Siena;
- workshops: *Artificial Economics 2010*, Treviso, Italy; *15th CTN Workshop*, Marseille;

- 2009 seminars: Lecture "Salvatore Vinci", Napoli; Dipartimento di Economia Politica, Università di Siena; Faculty of Economics, Humboldt University in Berlin;
- workshops: *Workshop on Evolution and market behavior in economics and finance*, Pisa; *III GRASS Workshop on collective choices*, Padova; *24th Annual Congress of the European Economic Association*, Barcelona; *Public Economic Theory Conference*, Galway; *Max Weber Programme Conference*, EUI, Florence; *14th CTN Workshop*, Maastricht;
- 2008 seminars: Department of Economics, University of Florence; Department of Economics, University of Vienna; Department of Economics, EUI, Florence; Department of Economics, Università di Venezia; School of Economics, University of Amsterdam; Economic Department, University of Padua; Scuola Superiore Sant'Anna, Pisa;
- workshops: *International Workshop on Sociophysics*, ISI Foundation, Torino; *Complexity in Markets Conference*, University of Warwick; *13th CTN Workshop*, Venice;
- 2007 seminars: Department of Economics, University of Pisa; Department of Economics, University of Bologna;
- workshops: *Econophysics colloquium and beyond*, Ancona; *GRASS Workshop on collective choices*, Siena; *Artificial Economics 2007*, Palermo; *22nd Annual Congress of the European Economic Association*, Budapest; *Workshop on Statistical Physics and Financial Markets*, ICTP, Trieste;
- 2006 seminars: Center for Complex Systems, University of Siena;
- workshops: *12th Conference on the Foundations of Utility and Risk Theory*, LUISS University, Rome; *1st Conference on Economic Sciences with Heterogeneous Interacting Agents*, Bologna; *Spring Meeting of Young Economists*, Seville; *QED Workshop*, Vienna; *11th CTN Workshop*, University of Warwick;
- 2005 seminars: Department of Applied Mathematics, Università di Venezia;
- workshops: *Conference on CAE and Computational Technologies*, Lecce, Italy; *Symposium in Agent-based Computational Methods*, Lille; *10th Workshop on Economic Heterogeneous Interacting Agents*, University of Essex;
- 2004 seminars: CCFEA, University of Essex.

Institutional activity

- 2011-current member of the Faculty Board of the PhD Program in Economics of the Tuscan Universities of Firenze, Pisa and Siena.

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9/9/2019

