

# Andrea GIOVANNETTI

## ACADEMIC APPOINTMENTS

DEC 2023 - ONGOING	<b>Assistant Professor</b> (Economics) Faculty of Law and Business, Australian Catholic University, Sydney (AU)
DEC 2023 - ONGOING	Co-Director Tackling Hate Lab, Deakin University (AU)
MAR 2024 - ONGOING	Visiting Scholar, Institute of Criminology, University of Cambridge, Cambridge (UK)
NOV 2022 - DEC 2024	Research Associate Fellow, Darwin College, University of Cambridge, Cambridge (UK)
MAR 2022 - DEC 2023	<b>Marie Skłodowska-Curie Fellow</b> , Institute of Criminology, University of Cambridge, Cambridge (UK)
JUN 2017 - MAY 2021	<b>Post-Doctoral Research Associate</b> , Economics Department, <b>University of Technology Sydney</b> , Sydney (AU)

## EDUCATION

MAR 2018	PhD in ECONOMICS at <b>University of Southampton</b> , UK Advisors: Prof. ANTONELLA IANNI and Prof. SPYROS GALANIS
SEP 2012	MSc (2 years) in ECONOMICS, <b>University of Siena</b> , Italy Thesis evaluation: 110 <i>Magna cum Laude</i>
SEP 2009	BSc in ECONOMICS, <b>University of Modena</b> , Italy Thesis evaluation: 110 <i>Magna cum Laude</i>

## MAIN GRANTS AND AWARDS (USD EQUIVALENT)

MARCH 2024	<b>Uncovering the link between online hate and offline violence</b> , Deakin (25,200 USD)
DEC 2023	<b>A relational approach to explain violence in the UK</b> , ESRC (as team member) (318,893 USD)
NOV 2023	<b>Breaking networks of youth violence</b> , Nuffield Foundation (as team member) (147,070 USD)
FEB 2021	<b>Marie Skłodowska-Curie Individual Fellowship 2020</b> , eval. top 1% (256,950 USD)
DEC 2020	<b>Best Lecturer of the University 2020</b> , UTS (2,513 USD)
JUN 2020	<b>Research Grant</b> , <i>University of Cambridge</i> (2,751 USD)
SEP 2013-2016	<b>Economic and Social Research Council (ESRC)</b> Full Scholarship (73,000 USD)
JUN 2012	<b>"Venini"</b> Best MSc Thesis in Economics National Award (30,000 USD)
SEP 2010	<b>"MPS"</b> Merit Award (2,414 USD)

## PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1 The structure of cooperation among organized crime groups: A network study of Merseyside, UK. (with P. Campana) (2025), 96, 102348, **Journal of Criminal Justice**, (H-Index: 100, I.F: 3.3)
- 2 Inoculation Against Online Extremism: An AgentBased Simulation and Cost Benefit Analysis (with M. Vergani, S. Ng, C.P. Lim, J. Zhang, R. Scott). (2025) **Terrorism and Political Violence** (accepted for publication) (Q1, H-Index: 63)
- 3 Shaking hands with Common Foes: Private Equity Networks (with D. Pipic) (2022) **International Review of Financial Analysis** (ABS ranking: 3; ABDC ranking: A, I.F. 9)
- 4 The Anatomy of Buyer-Seller Dynamics in Decentralized Markets (2022) **International Review of Financial Analysis**, 77, 101853 (ABS ranking: 3; ABDC ranking: A, I.F. 9)
- 5 Giovannetti, A., How Does Bank Credit Affect the Shape of Business Groups' Internal Capital Markets? **Quantitative Finance**, 21:10, 1621-1645 (ABS ranking: 3; ABDC ranking: A)

- 6 Campana, P. and A. Giovannetti, Predicting Violence in Merseyside: A Network-based Approach Using no Demographic Information, 2020,. **Cambridge Journal of Evidence-Based Policing**, 2020, 4, 89-102

## WORKING PAPERS (AVAILABLE UPON REQUEST)

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- 1 How Organized Crime Groups Interact: A Theory of Differential Cooperation (with P. Campana) (2024) (**submitted**)
- 2 Endogenous Property Rights (with P. Pin, R. Rozzi and P. Campana)
- 3 Dangerous Liasons: The Crime Network of London and a Longitudinal Analysis of Violence Diffusion (with P. Campana)
- 4 Becker in the City: Diffusion and Dilution of Crime across Neighborhoods of London (with P. Campana). (2024)
- 5 Formation of Supply Chains and Trade Credit: Can Banks Amplify Contagion Risk? (with G. Cardillo). (2024)  
Available at SSRN: <https://ssrn.com/abstract=3243223>
- 6 Social Distancing Policies and Intersectoral Spillovers: The Case of Australia (with M. Anufriev and V. Panchenko). (2023) (**In review**)
- 7 Local Interactions in a Market with Heterogeneous Expectations (with M. Anufriev and V. Panchenko). (2023)
- 8 Trust thy neighbor: Measuring the effect of governance-type organised crime on local communities and markets: a quasi-natural experiment on Japan (with M. Baradel)

## SUPERVISION

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Siwei Guo (PhD, in progress), Department of Computer Science, Australian Catholic University  
Denis Picic (Honours, 2019), Department of Finance, University of Technology Sydney.

## ACCREDITATIONS, PROFESSIONAL MEMBERSHIPS AND SERVICE

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- **Accreditations:** Fellow (FHEA) of *AdvanceHE* (Fellowship no. PR218131). GTA (Uni. of Oxford)
- **Professional memberships:** Econometric Society, European Economic Association, American Economic Association, American Society of Criminology, European Society of Criminology, American Sociological Association
- **Referee service:** *The Journal of Economic Behavior & Organization*, *Journal of Economic Dynamics & Control*, *Games*, *Journal of Economic Interaction and Coordination*, *European Journal of Criminology*
- **Conference Organizer:** *Advances in network modeling of organized crime*, Cambridge (2024), *The Review of Economic Studies Tour*, Southampton (2017)

## SEMINARS AND WORKSHOPS

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**Competition and Cooperation between OCGs in Merseyside**, Home Office, U.K.; **Pricing Inoculation Strategies**, Home Office Homeland Security, U.K.; **Research on Organized Crime: Methodological Strategies**, Nagoya and Oxford Universities (2024); **Advances in network modeling of organized crime**, Cambridge (2024); **Australian Economic Theory Workshop** (2019), University of Technology Sydney; **Seminar**, Paris 1 Pantheon-Sorbonne (2018)

## MAIN CONFERENCES:

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**ADI 2024**, Melbourne; **American Society of Criminology Conference 2024**, San Francisco, **AVERT 2024**, Melbourne; **2024 Tokyo-Oxford Organized Crime Conference**, Tokyo; **IWC 2023**, Melbourne; **ANZSOC 2023**, Melbourne; **American Society of Criminology Conference 2023**, Philadelphia; **EUROCRIM23**, Florence; **British Society of Criminology Conference**, Preston; **Asian Meetings of Econometric Society**, Tokyo; **Econometric Society & European Economic Association 2021 meetings**, (Online); **SED2021**, Minneapolis; **6th Annual Conference on Network Science and Economics**, (Online); **World Meetings of Econometric Society**, Milano; **CEF2019**, Warsaw; **RES**, Belfast (*COVID19*); **Asian Meetings of Econometric Society**, Xiamen; **RES**, Warwick; **North American Meetings of Econometric Society**, Davis; **Asian Meetings of Econometric Society**, Seoul; **China Meetings of Econometric Society**, Shanghai; **RES Symposium of Junior Researchers**, Sussex; **RES**, Sussex; **AFBC2017**, Sydney; **EARIE**, Maastricht; **WEHIA**, Milan; **Asian Meeting of the Econometric Society (Accepted)**, Hong Kong; **RES Symposium of Junior Researchers**, Bristol; **RES**, Bristol; **European Winter Meeting of The Econometric Society 2016**, Edinburgh; **Annual PhD Conference 2016**, Leicester; **Statistical Network Analysis**, Cambridge; **ESRC-DTC Conference**, Southampton

## UNIVERSITY TEACHING AND OTHER WORK EXPERIENCES

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FEB-JUN 2024	Lecturer & Coordinator ( <i>ECON200</i> ) at AUSTRALIAN CATHOLIC UNIVERSITY <b>Eval. 4.91 / 5.00</b>
FEB-JUN 2024	Lecturer & Coordinator ( <i>ECON600</i> ) at AUSTRALIAN CATHOLIC UNIVERSITY <b>Eval. 4.89 / 5.00</b>
JAN-MAR 2023	Lecturer & Co-convenor ( <i>Organized Forms of Crime</i> ) at UNIVERSITY OF CAMBRIDGE
JUL-SEP 2021	Tutor ( <i>PhD Mathematics for Economists</i> ) at UNIVERSITY OF TECHNOLOGY SYDNEY <b>Eval. 5.00 / 5.00</b>
SEP-DEC 2021	Lecturer & Coordinator ( <i>Innovation, Enterprise and Society</i> ) at UNIVERSITY OF WESTERN SYDNEY ONLINE <b>Eval. 75 / 100</b>
JUL-NOV 2020	Lecturer & Coordinator ( <i>Behavioral Economics</i> ) at UNIVERSITY OF TECHNOLOGY SYDNEY <b>Withhold by university due to COVID-19</b>
MAR-JUN 2020	Lecturer ( <i>Business Statistics</i> ) at UNIVERSITY OF TECHNOLOGY SYDNEY <b>Withhold by university due to COVID-19</b>
JUL-NOV 2019	Lecturer & Coordinator ( <i>Behavioral Economics</i> ) at UNIVERSITY OF TECHNOLOGY SYDNEY <b>Eval. 4.94 / 5.00</b>
JUL-NOV 2018	Lecturer & Coordinator ( <i>Behavioral Economics</i> ) at UNIVERSITY OF TECHNOLOGY SYDNEY <b>Eval. 4.72 / 5.00</b>
JUL-NOV 2017	Lecturer & Coordinator ( <i>Behavioral Economics</i> ) at UNIVERSITY OF TECHNOLOGY SYDNEY <b>Eval. 4.35-4.59 / 5.00</b>
JAN-JUN 2012	Econometrician, <i>Italian Ministry of Economy and Finance</i>

## OTHER WORK ACTIVITIES

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MARCH 2022 - JAN 2024	Instructor for the course of Criminal Networks Analysis, <i>Cambridge Centre for Evidence-Based Policing</i> .
JAN-JUN 2012	Econometrician, <i>Italian Ministry of Economy and Finance</i>

## CERTIFIED COURSES

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**ESRC Courses and Summer Schools:** *Oxford Summer School in Economic Networks; Models and Analysis of Social and Economic Networks* (Prof Jackson, Stanford Uni.), *Microeconomic Applications of Social Networks Analysis* (UCL, IFIS), *The Economics of International Migration* (Prof. Beine, Uni. of Luxembourg), *Economics of Matching Theory* (Dr Gall, Uni. of Southampton), *Discrete Choice Modeling* (Prof. Greene, New York Uni.), *Panel Data Analysis* (Prof. Woolridge, Michigan State Uni.), *Machine Learning for Econometrics* (Prof. Chernozhukov, MIT), *Microeconometrics and Microsimulation* (Prof. Duncan, Curtin, IFIS) *Course of Econometrics for PhD Students*, modules: *Introductory Econometrics* and *Advanced Panel Econometrics* (XXIV CIdE Econometrics, Bertinoro), *Summer School of Mathematics for Economists* (Scuola Normale Superiore)

## LANGUAGES

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**Italian:** Native, **English:** Fluent, **French:** Good, **Spanish:** Basic

## TECHNICAL SKILLS

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- **Computational (Advanced):** MATLAB, Mathematica, MiKTeX, STATA, Microsoft Suite.
- **Computational (Good):** Parallel/Distributed High-Performance Computing (SLURM, MPI protocols), *R*, Python, TSP, Datastream

## REFERENCES

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Prof. Paolo Campana  
University of Cambridge  
[pc524@cam.ac.uk](mailto:pc524@cam.ac.uk)

Prof. Manuel Eisner  
University of Cambridge  
[mpe23@cam.ac.uk](mailto:mpe23@cam.ac.uk)

Hon. Prof. Lawrence Sherman  
University of Cambridge and MET  
[ls434@cam.ac.uk](mailto:ls434@cam.ac.uk)

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Universita' degli Studi di Siena and Bocconi  
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