

Andrea GIOVANNETTI

ACADEMIC APPOINTMENTS

DEC 2024 - ONGOING	Assistant Professor Faculty of Law and Business, Australian Catholic University , Sydney (AU)
DEC 2024 - ONGOING	Principal Investigator Human-Centred Intelligent Learning & Software Technologies Research Lab, Sydney (AU)
MAR 2024 - ONGOING	Visiting Scholar, Institute of Criminology, University of Cambridge , Cambridge (UK)
NOV 2022 - ONGOING	Research Associate Fellow, Darwin College, University of Cambridge , Cambridge (UK)
MAR 2022 - DEC 2024	Marie Skłodowska-Curie Fellow, Institute of Criminology, University of Cambridge , Cambridge (UK)
JUN 2017 - MAY 2021	Post-Doctoral Research Associate, Economics Department, University of Technology Sydney , Sydney (AU)

EDUCATION

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

MAIN GRANTS AND AWARDS (USD EQUIVALENT)

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

PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1 The structure of cooperation among organised crime groups: A network study of Merseyside, UK. (with P. Campana) (2024), *forthcoming on: Journal of Criminal Justice*, (I.F: 3.3, H-Index: 100)
- 2 Shacking hands with Common Foes: Private Equity Networks (with D. Pipic) (2022) **International Review of Financial Analysis** (ABS ranking: 3; ABDC ranking: A)
- 3 The Anatomy of Buyer-Seller dynamics in Decentralized Markets (2022) **International Review of Financial Analysis**, 77, 101853 (ABS ranking: 3; ABDC ranking: A)
- 4 Giovanetti, A., How Does Bank Credit Affect the Shape of Business Groups' Internal Capital Markets? (2021) **Quantitative Finance**, 21:10, 1621-1645 (ABS ranking: 3; ABDC ranking: A)
- 5 Campana, P. and A. Giovanetti, 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)

- 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 Inoculation Against Online Extremism: An AgentBased Simulation and Cost Benefit Analysis (with M. Vergani, S. Ng, C.P. Lim, J. Zhang, R. Scott). (2024) (**in review**)
- 6 The structure of cooperation among organised crime groups: A network study of Merseyside, UK (with P. Campana) (2024) (**submitted**)
- 7 Formation of Supply Chains and Trade Credit: Can Banks Amplify Contagion Risk? (with G. Cardillo). (2024) Available at SSRN: <https://ssrn.com/abstract=3243223>
- 8 Social Distancing Policies and Intersectoral Spillovers: The Case of Australia (with M. Anufriev and V. Panchenko). (2023) (**In review**)
- 9 Local Interactions in a Market with Heterogeneous Expectations (with M. Anufriev and V. Panchenko). (2023)
- 10 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

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

- **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

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:

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

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

OTHER WORK ACTIVITIES

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

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

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

TECHNICAL SKILLS

- **Computational (Advanced):** MATLAB, Mathematica, MiKTeX, STATA, Microsoft Suite.
- **Computational (Good):** Parallel/Distributed High-Performance Computing (SLURM, MPI protocols), R, Python, TSP, Datastream
- **Teaching and Editing Software (Advanced):** Blackboard, Canvas, Moodle, Dolly, Notability, OBS, Youtube Studio Editor,

REFERENCES

Prof. Paolo Campana
University of Cambridge
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Prof. Manuel Eisner
University of Cambridge
mpe23@cam.ac.uk

Hon. Prof. Lawrence Sherman
University of Cambridge and MET
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Prof. Paolo Pin
Universita' degli Studi di Siena and Bocconi
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