

Dr. Martina Testori

Computational Social Scientist

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ACADEMIC POSITIONS

2019 - Present Postdoctoral fellow on the ERC-project: “*The Force of Gossip*” (ERC 771391), Department of Organization Sciences, Vrije Universiteit Amsterdam

EDUCATION

2020 Ph.D. in Applied Mathematics, University of Southampton, UK
Dissertation title: “*Cooperation and psychopathy: A game-theoretic perspective*”
Supervisor: Prof. R.B. Hoyle, Dr. H. Eisenbarth
Internal examiner: Prof. T. Sluckin; External examiner: Prof. D. Nettle

2016 MSc. Mathematics and Finance, University of Essex, UK
Dissertation title: “*Worldwide applications of complex networks: two practical examples*”

2015 BSc. Pure Mathematics, Università degli Studi di Milano, IT

TEACHING EXPERIENCE

30/04/2022 Awarded the University Teaching Qualification “Basiskwalificatie Onderwijs”, Vrije Universiteit Amsterdam

2022 Guest Lecturer, Department of Organisational Sciences, Vrije Universiteit Amsterdam (~100 students, MA level)

2019 - Present Master Thesis Supervisor, Department of Organisational Sciences, Vrije Universiteit Amsterdam

2016-2019 Graduate Teaching Assistant, Department of Mathematical Sciences, University of Southampton (classes of ~30 students, BA level)

PUBLICATIONS

- Testori, M.**, Hemelrijk, C. K., & Beersma, B. (2022). Gossip promotes cooperation only when it is pro-socially motivated. *Scientific Reports*, 12(1), 1-12. IF:4.38 DOI: <https://doi.org/10.1038/s41598-022-08670-7>
- Testori, M.**, Eisenbarth, H., & Hoyle, R. B. (2022). Selfish risk-seeking can provide an evolutionary advantage in a conditional public goods game. *Plos one*, 17(1), e0261340. IF: 3.24 DOI: <https://doi.org/10.1371/journal.pone.0261340>
- Takács, K., Gross, J., **Testori, M.**, Letina, S., Kenny, A. R., Power, E. A., & Wittek, R. P. (2021). Networks of reliable reputations and cooperation: a review. *Philosophical Transactions of the Royal Society B*, 376(1838), 20200297. IF: 6.24 DOI: <https://doi.org/10.1098/rstb.2020.0297>
- Lo Iacono, S., & **Testori, M.**, (2021). Who are We Trusting? A Category-Based Formalisation of Trust. In *Trust Matters: Cross-Disciplinary Essays*, 35
- Dores Cruz, T. D., Nieper, A. S., **Testori, M.**, Martinescu, E., & Beersma, B. (2020). An Integrative Definition and Framework to Study Gossip. *Group & Organization Management*, 1059601121992887. IF: 3.94 DOI: <https://doi.org/10.1177/1059601121992887>
- Testori, M.**, Harris, T. O., Hoyle, R. B., & Eisenbarth, H. (2019). “The effect of psychopathy on cooperative strategies in an iterated Prisoner’s Dilemma experiment with emotional feedback.” *Scientific*

Reports, 9(1), 2299. IF:4.38 DOI: [10.1038/s41598-019-38796-0](https://doi.org/10.1038/s41598-019-38796-0)

Testori, M., Hoyle, R.B. & Eisenbarth, H., (2019) “How group composition affects cooperation in fixed networks: can psychopathic traits influence group dynamics?”, *Royal Society Open Science*, 6(3), 181329. IF:2.96 DOI:[10.1098/rsos.181329](https://doi.org/10.1098/rsos.181329)

Testori, M., Kempf M, Hoyle R.B., Eisenbarth H. (2019) “When do psychopathic traits affect cooperative behaviour? An iterated Prisoner's Dilemma experimental study.”, *Journal of Individual Differences*. IF:2.07 DOI: [10.1027/1614-0001/a000295](https://doi.org/10.1027/1614-0001/a000295)

WORKING PAPERS

Testori, M., & Lo Iacono, S. (under review at Nature Communication) “Making sustainable choices for the next generation”

Testori, M., Dores Cruz, T.D., Beersma, B. (submitted to Journal of Applied Psychology) “Punishing or praising gossipers: How people interpret the motives driving gossip shapes its consequences”

Testori, M., Andersson, P., Lo Iacono, S., Moscariello, P., & Vu, T.T. (to be submitted to Games and Economic Behavior) “Inequality and Belief: When we cooperate with the rich?”

Testori, M., Giardini, F., Hemelrijk, C. K., Dores Cruz, T.D., & Beersma, B. (In preparation) “Gossip Interpretation and Group consequences: An ABM model”

Cruz, S.M., Stein, J.D., **Testori, M.**, & Grossi, D. (In preparation) “How an unlikely belief can become majoritarian: An ABM model”

AWARDS AND GRANTS

2018	PSY-GAMES EXPERIMENT GRANT Psychological Game Theory Summer School
2018	IAREP FELLOWSHIP
2018	FESTIVAL OF DOCTORAL RESEARCH - PGR Student Research Case, Informative Category
2016-2019	SCHOLARSHIP PHD

WORKSHOPS AND EVENTS

2022	Organiser of the Interdisciplinary Workshop of the Digital Society https://networkinstitute.org/iwds2021/
2021	Organiser of the Force of Gossip Talk Series – Spring and Autumn edition https://vu.nl/en/about-vu/research-institutes/force-of-gossip
2019	Invited presenter at STEM for BRITAIN, London, House of Parliament “How do individuals’ personality traits influence community survival?”

SKILLS

Programming languages	Matlab, R, Python, C++
Software	oTree, LaTeX, Netlogo
Languages	Italian (mother tongue), English (C2), German (A2)

AD HOC REVIEWER

Personality and Individual Differences, Social Behavior and Personality, Scientific Reports, Journal of Business Ethics, Royal Society Interface