

VALERIO CAPRARO

CONTACTS

Dipartimento di Psicologia, Università di Milano Bicocca, Piazza dell'Ateneo Nuovo 1, 20126 Milano, Italy

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ACADEMIC POSITIONS

- 2022 — present. University of Milan Bicocca. Associate Professor in Psychology.
 - 2016 — 2022. Middlesex University London, Senior Lecturer in Economics.
 - 2014 — 2016. Center for Mathematics and Computer Science (CWI), Amsterdam, The Netherlands. Post-Doc under the supervision of Prof. Krzysztof Apt.
 - 2012 — 2014. University of Southampton, United Kingdom. Post-Doc under the supervision of Prof. Graham Niblo.
 - 2011 — 2012. University of Neuchâtel, Switzerland. Post-Doc under the supervision of Prof. Alain Valette.
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EDUCATION

- 2009 — 2011: University of Rome 'Tor Vergata'. Ph.D. in Mathematics (Supervisor: Prof. Florin Rădulescu). Thesis (In english): Peculiar properties of subfactors of ultrapowers of the hyperfinite II_1 -factor.
- 2007 — 2008: University of Rome 'La Sapienza'. Master's degree in Mathematics. Grade: 110/110 cum laude. Thesis (in Italian): Teoria della decomposizione centrale per C^* -algebre separabili. (Supervisor: Prof. Sergio Doplicher)

- 2004 — 2006: University of Rome ‘La Sapienza’. Bachelor’s degree in Mathematics. Grade: 110/110 cum laude. Thesis (in Italian): Campi riducibili e loro ampliamenti. (Supervisor: Prof. Andrea Maffei)
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ACADEMIC PAPERS

1. Battiston F, Capraro V, Karimi F, Lehmann S, Migliano AB, Sadekar O, Sánchez A, Perc M (forthcoming) Higher-order interactions shape human collective behavior. *Nature Human Behaviour*.
2. Civai C, Capraro V, Polonio L (2025) The role of attention and frames on third-party punishment and compensation choices. *Cognition* **263**, 106192.
3. Capraro V, Di Paolo R, Pizziol V (2025) A publicly available benchmark for assessing Large Language Models’ ability to predict how humans balance self-interest and the interest of others. *Scientific Reports* **15**, 21428.
4. Capraro V, Rodriguez-Lara I (2025) Moral preferences in ultimatum and impunity games. *Journal of Behavioral and Experimental Economics*, 102371.
5. Shalvi S, Levine EE, Thielmann I, Jayawickreme E, Van Rooij B, Teodorescu K, Schurr A, Furr M, Aglioti SM, Zettler I, Cohen TR, Pittarello A, Barkan R, Kbis N, Leib M, Mitkidis P, Schulz J, Dimant E, van Kleef GA, Scigala KA, Rilke RM, Ayala S, Beersma B, Plonsky O, Hilbig B, Weisel O, Butera F, Feldman Y, Verschuere B, Zanetti C, Hochman G, Kret ME, Peer E, Capraro V, Dorrough AR, Speer S, Ritov I (2025) The science of honesty: A review and research agenda. *Advances in Experimental Social Psychology* **72**, 241-327.
6. Capraro V (2025) Human behaviour through a LENS: How Linguistic content triggers Emotions and Norms and determines Strategy choice. *Current Opinion in Psychology*, 102024.
7. Zickfeld J, ... Capraro V, ..., Mitkidis P (2025) I Solemnly Swear I’m Up To Good: A Megastudy Investigating the Effectiveness of Honesty Oaths on Curbing Dishonesty *Nature Human Behaviour* **9**, 169-187.
8. Fulgu RA, Capraro V (2024) Surprising gender biases in GPT. *Computers in Human Behavior Reports* **16**, 100533.
9. Alper S, Toribio-Flórez D, Capraro V, Douglas KM (2024) Stronger conspiracy beliefs are associated with a stronger tendency to act dishonestly and an overestimation of others’ dishonesty. *Social Psychological and Personality Science*.
10. Civai C, Elbaek CT, Capraro V (2024) Why scarcity can both increase and decrease prosocial behaviour: a review and theoretical framework for the complex relationship between scarcity and prosociality. *Current Opinion in Psychology* **60**, 101931.
11. Celadin T, Panizza F, Capraro V (2024) Promoting civil discourse on social media using nudges: A tournament of seven interventions. *PNAS Nexus* **3**, pgae380

12. Capraro V, Lentsch A, Acemoglu D, Akgun S, Akhmedova A, Bilancini, Bonnefon J-F, Brañas-Garza P, Butera L, Douglas KM, Everett JAC, Gigerenzer G, Greenhow C, Hashimoto DA, Holt-Lunstad J, Jetten J, Johnson S, Kunz WH, Longoni C, Lunn P, Natale S, Paluch S, Rahwan I, Selwyn N, Singh V, Suri S, Sutcliffe J, Tomlinson J, van der Linden S, Van Lange PAM, Wall F, Van Bavel JJ, Viale R (2024) The impact of generative artificial intelligence on socioeconomic inequalities and policy making. *PNAS Nexus* **3**, pga191.
13. Capraro V, Di Paolo R, Perc M, Pizziol V (2024) Language-based game theory in the age of artificial intelligence. *Journal of the Royal Society Interface* **21**, 20230720.
14. Capraro V (2024) The dual process approach to human sociality: Meta-analytic evidence for a theory of internalized heuristics for self-preservation. *Journal of Personality and Social Psychology* **126**, 719.
15. Capraro V, Halpern JY, Perc M (2024) From outcome-based to language-based preferences. *Journal of Economic Literature* **62**, 115-154.
16. Ruggeri K, Stock F, Haslam SA, Capraro V, Boggio PS, Ellemers N, ... & Willer R (2024). A synthesis of evidence for policy from behavioural science during COVID-19. *Nature* **625**, 134-147.
17. Boggio PS, Nezlek JB, Alfano M, Azevedo F, Capraro V, Cichocka A, Pärnamets P, Rego GG, Sampaio WM, Sjästad H, Van Bavel JJ (2024) A time for moral actions: Moral Identity, Morality-as-Cooperation and Moral Circles predict support of collective action to fight the Covid-19 pandemic in an international sample. *Group Processes and Intergroup Relations* **27**, 178-195.
18. Celadin T, Capraro V, Pennycook G, Rand DG (2023) Displaying news source trustworthiness ratings reduces sharing intentions for false news posts. *Journal of Online Trust and Safety* **1**.
19. Pizziol V, Demaj X, Di Paolo R, Capraro V (2023) Political ideology and generosity around the globe. *Proceedings of the National Academy of Sciences* **120**, e2219676120.
20. Azevedo F,..., Capraro V, ..., Van Bavel JJ (2023) Social and moral psychology of COVID-19 across 69 countries. *Nature Scientific Data* **10**, 272.
21. Capraro V (2023) How to promote cooperation for the well-being of individuals and societies. *Ergonomics and Nudging for Health, Safety and Happiness: Results of SIE 2022*, 10-25.
22. Capraro V, Celadin T (2023) 'I think this news is accurate': Endorsing accuracy decreases the sharing of fake news and increases the sharing of real news. *Personality and Social Psychology Bulletin* **49**, 1635-1645.
23. Pavlovic, T., ..., Capraro V, ..., Van Bavel JJ (2022) Predicting attitudinal and behavioral responses to COVID-19 pandemic using machine learning. *PNAS Nexus* **1**, pgac093.
24. Van Bavel JJ, Cichocka A, Capraro V, Sjästad H, Nezlek J, ..., Boggio PS (2022) National identity predicts public health support during a global pandemic. *Nature Communications* **13**, 517.

25. Capraro V, Vanzo A, Cabrales A (2022) Playing with words: Do people exploit loaded language to affect others' decisions for their own benefit? *Judgment and Decision Making* **17**, 50-69.
26. Lim IS, Capraro V (2022) A synergy of institutional incentives and networked structures in evolutionary game dynamics of multi-agent systems. *IEEE Transactions on Circuits and Systems II: Express Briefs* **69**, 2777-2781.
27. Kumar A, Chowdhari S, Capraro V, Perc M (2021) Evolution of honesty in higher-order social networks. *Physical Review E* **104**, 054308.
28. Capraro V, Boggio PS, Böhm R, Perc M, Sjästad H (forthcoming) Cooperation and acting for the greater good during the COVID-19 pandemic. In *M. K. Miller (Ed.) The Social Science of the COVID-19 Pandemic: A Call to Action for Researchers*. Oxford: Oxford University Press.
29. Capraro V, Barcelo H (2021) Punishing defectors and rewarding cooperators: Do people discriminate between genders? *Journal of the Economic Science Association* **7**, 19-32.
30. Capraro V, Perc M (2021) Mathematical foundations of moral preferences. *Journal of the Royal Society Interface* **18**, 20200880.
31. Capraro V, Jordan JJ, Tappin BM (2021) Does observability amplify sensitivity to moral frames? Evaluating a reputation-based account of moral preferences. *Journal of Experimental Social Psychology*.
32. Capraro V, Barcelo H (2021) Telling people to “rely on their reasoning” increases intentions to wear a face covering to slow down COVID-19 transmission. *Applied Cognitive Psychology* **35**, 693-699.
33. Capraro V, Barcelo H (2020) The effect of messaging and gender on intentions to wear a face covering to slow down COVID-19 transmission. *Journal of Behavioral Economics for Policy* **4**, Special Issue 2, 45-55.
34. Kumar A, Capraro V, Perc M (2020) The evolution of trust and trustworthiness. *Journal of the Royal Society Interface* **17**, 20200491.
35. Capraro V (2020) Gender differences in the trade-off between objective equality and efficiency. *Judgment and Decision Making* **15**, 534-544.
36. Bilancini E, Boncinelli L, Capraro V, Celadin T, Di Paolo R (2020) The effect of norm-based messages on reading and understanding COVID-19 pandemic response governmental rules. *Journal of Behavioral Economics for Policy* **4**, Special Issue 1, 45-55.
37. Andrighetto G, Capraro V, Guido A, Szekely A (2020) Cooperation, Response Time, and Social Value Orientation: A Meta-Analysis. *Proceedings of the Cognitive Science Society*.
38. Van Bavel JJ, Baicker K, Boggio P, Capraro V, Cichocka A, Crockett M, . . . , Willer R (2020) Using social and behavioural science to support COVID-19 pandemic response. *Nature Human Behaviour* **4**, 460-471.

39. Capraro V, Rodriguez-Lara I, Ruiz-Martos RJ (2020) Preferences for efficiency, rather than preferences for morality, drive cooperation in the one-shot Stag-Hunt Game. *Journal of Behavioral and Experimental Economics*.
40. Bilancini E, Boncinelli L, Capraro V, Celadin T, Di Paolo R (2020) “Do the right thing” for whom? An Experiment on Ingroup Favouritism, Group Assorting and Moral Suasion. *Judgment and Decision Making* **15**, 182-192.
41. Capraro V, Perc M, Vilone D (2020) Lying on networks: The role of structure and topology in promoting honesty. *Physical Review E* **101**, 032305.
42. Caviola L, Capraro V (2020) Liking but devaluing animals: Emotional and deliberative paths to speciesism. *Social Psychological and Personality Science* **11**, 1080-1088.
43. Capraro V, Halpern JY (2019) Translucent players: Explaining cooperative behavior in social dilemmas. *Rationality and Society* **31**, 371-408.
44. Capraro V, Jagfeld G, Klein R, Mul M, van de Pol I (2019) Increasing altruistic and cooperative behaviour with simple moral nudges. *Scientific Reports* **9**, 11880.
45. Capraro V, Perc M, Vilone D (2019) The evolution of lying in well-mixed populations. *Journal of the Royal Society Interface* **16**, 20190211.
46. Capraro V, Everett JAC, Earp BD (2019) Priming intuition disfavors instrumental harm but not impartial beneficence. *Journal of Experimental Social Psychology* **83**, 142-149.
47. Capraro V, Vanzo A (2019) The power of moral words: Loaded language generates framing effects in the extreme dictator game. *Judgment and Decision Making* **14**, 309-317.
48. Pereda M, Capraro V, Sánchez A (2019) Group size effects and critical mass in public goods games. *Scientific Reports* **9**, 5503.
49. Capraro V, Schulz J, Rand DG (2019) Time pressure and honesty in a deception game. *Journal of Behavioral and Experimental Economics* **79**, 93-99.
50. Capraro V, Perc M (2018) Grand challenges in Social Physics: In pursuit of moral behavior. *Frontiers in Physics* **6**, 107.
51. Capraro V (2018) Gender differences in lying in sender-receiver games: A meta-analysis. *Judgment and Decision Making* **13**, 345-355.
52. Tappin BM, Capraro V (2018) Doing good vs. avoiding bad in prosocial choice: A refined test and extension of the morality preference hypothesis. *Journal of Experimental Social Psychology* **79**, 64-70.
53. Capraro V, Sippel J, Zhao B, Hornischer L, Savary M, Terzopoulou Z, Faucher P, Griffioen SF (2018) People making deontological judgments in the Trapdoor dilemma are perceived to be more prosocial in economic games than they actually are. *PLoS ONE* **13**, e0205066.
54. Brañas-Garza P, Capraro V, Rascón-Ramírez E (2018) Gender differences in altruism on Mechanical Turk: Expectations and actual behaviour. *Economics Letters* **170**, 19-23.

55. Capraro V, Rand DG (2018) Do the right thing: Experimental evidence that moral preferences, rather than social preferences per se, drive human prosociality. *Judgment and Decision Making* **13**, 99-111.
56. Vilone D, Capraro V, Ramasco JJ (2018) Hierarchical invasion of cooperation in complex networks. *Journal of Physics Communications* **2**, 025019.
57. Capraro V (2017) Does the truth come naturally? Time pressure increases honesty in deception games. *Economics Letters* **158**, 54-57.
58. Capraro V, Sippel J (2017) Gender differences in moral judgment and the evaluation of gender-specified moral agents. *Cognitive Processing* **4**, 399-405.
59. d’Adda G, Capraro V, Tavoni M (2017) Push, don’t nudge: Behavioral spillovers and policy instruments. *Economics Letters* **154**, 92-95.
60. Capraro V, Corgnet B, Espín AM, Hernán-González R (2017) Deliberation favours social efficiency by making people disregard their relative shares: Evidence from USA and India. *Royal Society Open Science* **4**, 160605.
61. Capraro V, Giardini F, Vilone D, Paolucci M (2016) Partner selection supported by opaque reputation promotes cooperative behavior. *Judgment and Decision Making* **11**, 589-600.
62. Capraro V, Kuilder J (2016) To know or not to know? Looking at payoffs signals selfish behavior, but it does not actually mean so. *Journal of Experimental and Behavioral Economics* **65**, 79-84.
63. Capraro V, Cococcioni G (2016) Rethinking spontaneous giving: Extreme time pressure and ego-depletion favor self-regarding reactions. *Scientific Reports* **6**, 27219.
64. Rand DG, Brescoll VL, Everett JAC, Capraro V, Barcelo H (2016) Social heuristics and social roles: Intuition favors altruism for women but not for men. *Journal of Experimental Psychology: General* **145**, 389-396.
65. Biziou-van-Pol L, Haenen J, Novaro A, Occhipinti-Lieberman A, Capraro V (2015) Does telling white lies signal pro-social preferences? *Judgment and Decision Making* **10**, 538-548.
66. Capraro V, Cococcioni G (2015) Social setting, intuition, and experience in laboratory experiments interact to shape cooperative decision-making. *Proceedings of the Royal Society B: Biological Sciences* **282**, 20150237.
67. Capraro V, Barcelo H (2015) Group size effect on cooperation in one-shot social dilemmas II. Curvilinear effect. *PLoS ONE* **10**, e0131419.
68. Capraro V (2015) The emergence of hyper-altruistic behaviour in conflictual situation. *Scientific Reports* **4**, 9916.
69. Barcelo H, Capraro V (2015) Group size effect on cooperation in one-shot social dilemmas. *Scientific Reports* **5**, 7937.
70. Capraro V, Marcelletti A (2014) Do good actions inspire good actions in others? *Scientific Reports* **7**, 7470.

71. Capraro V, Smyth C, Mylona K, Niblo GA (2014) Benevolent characteristics promote cooperative behaviour among humans. *PLoS ONE* **9**, e102881.
72. Capraro V, Jordan JJ, Rand DG (2014) Heuristics guide the implementation of social preferences in one-shot Prisoner's Dilemma experiments. *Scientific Reports* **4**, 6790.
73. Barcelo H, Capraro V, White JA (2014) Discrete homology theory for metric spaces. *Bulletin of the London Mathematical Society* **46**, 889-905.
74. Capraro V, Venanzi M, Polukarov M, Jennings NR (2013) Cooperative equilibria in iterated social dilemmas. In: *Proceedings of the 6th International Symposium on Algorithmic Game Theory*, Lecture Notes in Computer Science **8146**, pp. 146-158.
75. Capraro V (2013) A Model of Human Cooperation in Social Dilemmas. *PLoS ONE* **8**, e72427.
76. Capraro V, Scarsini M (2013) Existence of equilibria in countable games: an algebraic approach. *Games and Economic Behavior* **79**, 163-180.
77. Brown NP, Capraro V (2013) Groups associated to II_1 -factors. *Journal of Functional Analysis* **264**, 493-507.
78. Capraro V (2013) A notion of continuity in discrete spaces and applications. *Applied General Topology* **14**, 61-72
79. Capraro V (2013) Amenability, locally finite spaces, and bi-lipschitz embeddings. *Expositiones Mathematicae* **31**, 334-349.
80. Capraro V, Morrison K (2013) Existence of optimal strategies for a game on amenable semi-groups. *International Journal of Game Theory* **42**, 917-929.
81. Capraro V, Fritz T (2013) On the axiomatization of convex subsets of a Banach space. *Proceedings of the American Mathematical Society* **141**, 2127-2135.
82. Capraro V, Rădulescu F (2013) Cyclic Hilbert spaces and Connes' embedding problem. *Complex Analysis and Operator Theory* **7**, 863-872.
83. Capraro V, Păunescu L (2012) Product between ultrafilters and applications to Connes' embedding problem. *Journal of Operator Theory* **68**, 165-172.
84. Capraro V, Rossi S (2011) Banach spaces which embed into their dual. *Colloquium Mathematicum* **125**, 479-483.

BOOKS

1. Capraro V (expected in April 2026) *The economics of language: How large language models can reshape behavioural economics*. Cambridge University Press.
2. Capraro V (2021) *Ogni scelta che fai*. Mondadori.

3. Capraro V, Calvani S (2020). *La scienza dei conflitti sociali. Divisioni politiche, immigrazione, violenza sulle donne, fake news: cosa ci insegna la ricerca*. Franco Angeli.
 4. Capraro V, Lupini M (2015) *Introduction to Sofic and Hyperlinear groups and Connes' embedding conjecture*. Lecture Notes in Mathematics **2136**.
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POLICY DOCUMENTS

1. Eurofound (2025) A review of socioeconomic impacts of artificial intelligence on information, education, healthcare, and social protection. *Luxembourg - Publications Office of the European Union*.
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MEDIA COVERAGE

BBC News (World), The New York Times, The Economist, The Washington Post, Vogue, Huffington Post, The Guardian, SkyNews, FoxNews, MarketWatch, Los Angeles Times, Business Insider, Daily Mail, The Sun, New York Post, CBC News, Daily Mirror, MIT Technology Review, Psychology Today, Phys.org, Science Daily

EDITORIAL ACTIVITY

- PNAS (ad hoc)
- Journal of the Royal Society Interface (Associate Editor, 2025 - present)
- PNAS Nexus (Reviewing Editor, March, 2022 - present).
- EuroPhysics Letters (Co-Editor, April 2022 - present).
- Current Research in Ecological and Social Psychology (Editorial Board member, 2020 - present)
- EuroPhysics Journal B (Guest Editor for the Topical Issue on Evolutionary Game Theory, 2020)
- Scientific Reports (Associate Editor, 2019 - present)
- Judgment and Decision Making (Consulting Editor, 2019 - present)
- Frontiers in Psychology (Consulting Editor, 2019 - present)

- Journal of Behavioral and Experimental Economics (Consulting Editor, 2019 - present)
- Frontiers in Physics, Social Physics section (Associate Editor, 2018 - present).
- PLoS ONE (Academic Editor, 2018 - 2021)

REVIEWING ACTIVITY

Nature Human Behaviour, The Economic Journal, Proceedings of the National Academy of Sciences, Nature Communications, Science Advances, Nature Reviews Psychology, Journal of Personality and Social Psychology, American Psychologist, Management Science, Journal of Experimental Psychology: General, Social Psychology and Personality Science, Personality and Social Psychology Bulletin, Physical Review Letters, Journal of Public Economics, Technology in Society, Journal of Business Research, Journal of Business Ethics, European Journal of Social Psychology, PNAS Nexus, PLoS Computational Biology, Journal of the Royal Society Interface, Experimental Economics, Games and Economic Behavior, Journal of Economic Behavior and Organization, Journal of the Economic Science Association, Economics Letters, Judgment and Decision Making, Theory and Decision, Transactions on Economics and Computation, Proceedings of the Royal Society B: Biological Sciences, Cognition, Organizational Behavior and Human Decision Processes, IEEE Transactions on Automatic Control, Journal of Experimental Social Psychology, Political Psychology, Social Cognitive and Affective Neuroscience, Environment and Behavior, American Journal of Preventive Medicine, Journal of Conflict Resolution, Group Processes and Intergroup Relations, Behavioral Brain Research, Journal of Experimental Psychology: Learning, Memory and Cognition, Personality and Individual Differences, New Journal of Physics, Applied Mathematics and Computation, British Journal of Social Psychology, European Journal of Social Psychology, Mathematics of Operations Research, British Academy, Netherlands Organisation for Scientific Research (NWO), EuroPhysics Letters, Physical Review A, Physical Review E, Physica A, Journal of Economic Psychology, Scientific Reports, Royal Society Open Science, Nonprofit and Voluntary Sector Quarterly, Chaos, Solitons & Fractals, Frontiers in Behavioral Neuroscience, PLoS ONE, Frontiers in Psychology, The Social Science Journal, Soft Computing, Bulletin of the London Mathematical Society, American Mathematical Monthly, Bulletin of the Belgian Mathematical Society, Entropy, Journal of Complex Networks, BMC Psychology, Discrete Mathematics and Theoretical Computer Science, Games, Operational Research: An International Journal, Erasmus Journal for Philosophy and Economics.

RESEARCH TALKS

1. Symposium on Decision-making processes in trust and cooperation, preconference on Trust and Cooperation, SPSP, February 24, 2026, online. *TBA*.

2. NoBeC seminar, February 19, 2026, online. *The economics of language: How large language models can reshape behavioural economics.*
3. Invited speaker at the Ludwig Erhard ifo Research Workshop. February 5, 2026, Fürth, Germany. *The economics of language: How large language models can reshape behavioural economics.*
4. Coding aperitivo seminar. October 31, 2025, Bocconi University, Milan, Italy. *The economics of language: How large language models can reshape behavioural economics.*
5. Invited speaker at the Reducing Poverty in Latin America Conference. October 23, 2025, ESPOL Polytechnic University, Guayaquil, Ecuador. *The impact of generative artificial intelligence on socioeconomic inequalities and policymaking* [online].
6. Invited talk at the B-Hu-Well workshop. October 10, 2025, Università Cattolica del Sacro Cuore, Milan, Italy. *A consensus statement on potential negative impacts of smartphone and social media use on adolescent mental health.*
7. Behaviors and Preferences Seminar. September 11, 2025, Paris School of Economics, Paris, France. *The economics of language: How large language models can reshape behavioural economics.*
8. Symposium on *Language and Decision-Making: Insights from behavioral economics, computational linguistics, and artificial intelligence*. August 31 - September 4, 2025, IMT, Lucca, Italy. Title of the talk: *An overview of research on the impacts of language on economic decisions.*
9. Plenary speaker at the workshop *AI & Discrimination*. 30th April, 2025, Sciences Po, Paris, France. Title of the talk: *Intrinsic and extrinsic biases in LLMs.*
10. Keynote speaker at the workshop *Honest signalling and communication: From microbes to humans*. 22nd April - 25th April, 2025, Lorentz center, The Netherlands. Title of the talk: *TBA.*
11. Seminar. 16th November 2024. Kadir Has University, Istanbul, Turkey. *The dual-process approach to human sociality: Meta-analytic evidence for a theory of internalized heuristics for self-preservation*
12. Seminar. 12th November 2024. Alan Turing Institute, London. *The impact of generative artificial intelligence across work, education and health – the potential impact on policy making.*
13. Invited participation at the Forum for Economic Dialogue. 31st October, 2024. University of Zurich. Title of the talk: *The impact of generative artificial intelligence on socioeconomic inequalities and policy making.* Participation in the panel: *Unemployment and labor markets: Disruptions from AI?*
14. Seminar. 17th October, 2024. University of Amsterdam, The Netherlands. *The economics of language.*
15. Symposium on *The social media debate: Do social media really represent a threat to our society?*, AISC 2024, September 18-20, 2024, University of Rome La Sapienza, Italy. Title of the talk: *The causal impact of Instagram usage on psychological well-being.*

16. Invited speaker at the workshop AMETHYST: gAME TheorY in complex SysTems. 2nd September, 2024, University of Exeter, United Kingdom. *The coevolution of language and behaviour.*
17. Workshop *Could Enhancing Future Humans Lead to Humanity-Centered Design for Improved Life Ergonomics in Digital Health?* as part of the IEA2024, 22nd Triennial Congress of the International Ergonomics Association (IEA), 25th August, 2024, ICC JEJU, Republic of Korea. Title of the talk: *Surprising gender biases in GPT.*
18. SJDM-EADM Virtual Symposium. 13th June, 2024. *Corrupting the prosocial people: Does cooperation framing increase bribery engagement among prosocial individuals?.*
19. Symposium on *The dual-process approach to human sociality: Latest advances and future horizons*, ICT 2024, 12th June, 2024, University of Milan-Bicocca, Italy. Title of the talk: *The dual-process approach to human sociality: Meta-analytic evidence for a theory of internalized heuristics for self-preservation.*
20. ICT 2024, 12th June, 2024, University of Milan-Bicocca, Italy. *Language-based game theory in the age of artificial intelligence.*
21. Seminar. 6th June, 2024, Teesside University, Middlesbrough, UK. *Language-based game theory in the age of artificial intelligence.*
22. Seminar. 18th January, 2024, EMLyon Business School, Lyon, France. *The dual-process approach to human sociality: Meta-analytic evidence for a theory of internalized heuristics for self-preservation.*
23. AISC. 14-16th December, 2023, Genova, Italy. *Predict-AI-bility of how humans balance self-interest with the interest of others.*
24. Keynote speaker at the Honest Signalling Conference. 14-15th September, 2023, Center for Social Sciences, Budapest, Hungary. *Ecce Homo Moralis: How people care about doing the right thing beyond its monetary consequences.*
25. ABC Retreat, June 21st, 2023, Turin, Italy. *The dual process approach to human sociality: A quantitative review.*
26. Workshop on Online Social Influence. 16th June, 2022, University College Dublin, Ireland. *'I think this news is accurate': Endorsing accuracy decreases the sharing of fake news and increases the sharing of real news.*
27. Keynote speaker at the XII Congresso della Società Italiana di Ergonomia. 2nd May, 2022, Lucca, Italy. *Increasing altruistic and cooperative behaviour with simple moral nudges.*
28. Keynote speaker at the SINDem4Juniors. 27th-30th April, 2022, Bressanone, Italy. *Building an open research network in a world-wide perspective.*
29. Workshop on Covid-19. 26th April, 2022, University of Milan-Bicocca, Italy. *National identity predicts public health support during a global pandemic.*
30. PRIN Webinar. 1st April, 2021, University of Florence, Italy. *'I think this news is accurate': Endorsing accuracy decreases the sharing of fake news and increases the sharing of real news.*

31. Webinar on ‘Le nuove sfide della ricerca clinica biomedica: Reputazione scientifica, open science networks, riproducibilità e replicabilità dei dati e alfabetizzazione digitale nell’epoca post-covid’. 18th March, 2022. *Open science networks multinazionali: mito o realtà?*.
32. 7th meeting of the Behavioral and Experimental Economics Network (BEEN). 18th February, 2022, Lucca, Italy. *Playing with words: Do people exploit loaded language to affect others’ decisions for their own benefit?*.
33. ASSA 2022 Virtual Annual Meeting. 7th-9th January, 2022, Chicago, USA. *The effect of messaging and gender on intentions to wear a face covering to slow down COVID-19 transmission*.
34. Seminar. 18th November, 2021, Berlin, Germany. *Playing with words: Do people exploit loaded language to affect others’ decisions for their own benefit?*.
35. International Conference on Thinking. 21st-24th June, 2021, Paris, France. *Increasing altruistic and cooperative behaviour using simple moral nudges*.
36. Summer School “Cura e responsabilità: tra prossimità e distanza”. 22nd June, 2021, Italy. *La scienza dei conflitti sociali*.
37. Eurasian Summit for Models of Society. March 1-3, 2021, Tokyo Institute of Technology, Japan. *The evolution of honesty*.
38. Seminar. 23rd February 2021, Utrecht University, Netherlands. *Ecce homo moralis: How people care about doing the right thing, beyond its economic consequences*.
39. Seminar. 15th January 2021, University of Milan Bicocca, Italy. *Ecce homo moralis: How people care about doing the right thing, beyond its economic consequences*.
40. Seminar. 2nd December 2020, University of Florence, Italy. *Ecce homo moralis: How people care about doing the right thing, beyond its economic consequences*.
41. Seminar. 1st December 2020, University of Birmingham, United Kingdom. *Ecce homo moralis: How people care about doing the right thing, beyond its economic consequences*.
42. Seminar. 15th October 2020, Toulouse School of Economics, France. *The effect of nudging personal and injunctive norms in the trade-off between objective equality and efficiency*.
43. Seminar. 6th October 2020. Loyola University, Cordoba, Spain. *Using social and behavioural science to promote COVID-19 pandemic response*.
44. Invited speaker at the workshop *Integrathon*. 11th September 2020, University of Geneva, Switzerland. *Increasing altruistic and cooperative behaviour with simple moral nudges*.
45. Seminar. 26th May 2020, Boston College, USA. *Using social and behavioural science to promote COVID-19 pandemic response*. [online seminar]
46. Seminar. 26th May 2020, Harvard University, USA. *TBA*. [Cancelled because of COVID-19 pandemic]

47. Seminar. 22nd May 2020, New York University, USA. *TBA*. [Cancelled because of COVID-19 pandemic]
48. Keynote speaker at the SIE2020, XII Congresso Nazionale SIE. 28-30 April 2020, IMT School for Advanced Studies, Lucca, Italy. *Increasing altruistic and cooperative behaviour with simple moral nudges*. [Cancelled because of COVID-19 pandemic]
49. Seminar. 19th March 2020, University of Trento, Italy. *Ecce homo moralis: How people care about doing the right thing, beyond its economic consequences*. [Cancelled because of COVID-19 pandemic]
50. AISC Annual Conference. 11-13 December 2019, University of Rome Tor Vergata, Italy. *Ecce homo moralis: How people care about doing the right thing, beyond its economic consequences*.
51. Seminar. 5th December 2019, LUISS University, Italy. *Ecce homo moralis: How people care about doing the right thing, beyond its economic consequences*.
52. Seminar. 12th June 2019, IMT School for Advanced Studies, Lucca, Italy. *Ecce Homo Moralis: How people care about doing the right thing, independently of its economic consequences*.
53. Seminar. 11th June 2019, University of Florence, Italy. *Ecce Homo Moralis: How people care about doing the right thing, independently of its economic consequences*.
54. Seminar. 6th June 2019, University of Amsterdam, The Netherlands. *Ecce Homo Moralis: How people care about doing the right thing, independently of its economic consequences*.
55. AISC Midterm Conference. 22-24 May 2019, IMT School for Advanced Studies, Lucca, Italy. *Time pressure and honesty in a deception game*.
56. Seminar. 16th May 2019, Universidad Carlos III de Madrid, Spain. *Ecce Homo Moralis: How people care about doing the right thing, independently of its economic consequences*.
57. Seminar. 8th May 2019, University of Granada (Economics Department), Spain. *Ecce Homo Moralis: How people care about doing the right thing, independently of its economic consequences*.
58. Seminar. 7th May 2019, University of Granada (Anthropology Department), Spain. *The cognitive foundations of human sociality*.
59. International Convention of Psychological Science. 9th March 2019, Paris, France. *The Good, the Bad, and the Angry: An experimental study on the heterogeneity of people's (dis)honest behavior*.
60. Social and Brain Behavior seminar. 22nd January 2019, Oxford University, United Kingdom. *Priming intuition decreases endorsement of instrumental harm but not impartial beneficence*.
61. Seminar. 27th November 2018, University of Warwick, Coventry, United Kingdom. *The Good, the Bad, and the Angry: An experimental study on the heterogeneity of people's (dis)honest behavior*.
62. ASSET 2018, November 2018, Florence, Italy. *Understanding moral behavior using sentiment analysis*.

63. Seminar. 24th October 2018, De Montfort University, Leicester, United Kingdom. *Understanding moral behavior using sentiment analysis.*
64. SABE-IAREP, July 2018, London, United Kingdom. *The Good, the Bad, and the Angry: An experimental study on the heterogeneity in people's (dis)honest behavior.*
65. IMEBESS, May 2018, Florence, Italy. *What's the right thing to do? Increasing prosociality using simple moral nudges.*
66. IMEBESS, May 2018, Florence, Italy. *The Good, the Bad, and the Angry: An experimental study on the heterogeneity in people's (dis)honest behavior.*
67. SPSP 2018 Annual Convention, March 1-3, 2018, Atlanta, USA. *Are Kantians better social partners? People making deontological choices are expected to be more prosocial than they actually are.*
68. Seminar, June 20th, 2017, Univesidad Carlos III, Madrid, Spain. *Group size effect on cooperation in social dilemmas.*
69. 2nd Socrates Workshop on Intuition, Reflection, and Social Preferences, February 19th, 2017, Pisa, Italy. *Deliberation favours social efficiency by making people disregard their relative shares: Evidence from USA and India.*
70. Economics of Development and Emerging Markets Seminar Series, June 23rd, 2016, Rotterdam, The Netherlands. *Rethinking spontaneous giving: Evidence for an inverted-U effect of cognitive effort on cooperative behavior.*
71. Workshop on Cooperation and Self-Control, June 16th-17th, 2016, King's College, London, United Kingdom. *Rethinking spontaneous giving: Evidence for an inverted-U effect of cognitive effort on cooperative behavior.*
72. London Experimental Workshop, June 6th-7th, 2016, Queen Mary University of London, United Kingdom. *Towards Homo Moralis: Non-consequentialist injunctive norms guide pro-social behavior in Dictator and Prisoner's Dilemma games.*
73. Young Economists' Meeting, June 2nd-3rd, 2016, Masaryk University, Brno, Czech Republic. *Towards Homo Moralis: Non-consequentialist injunctive norms guide pro-social behavior in Dictator and Prisoner's Dilemma games.*
74. International Meeting on Experimental and Behavioral Social Sciences, April 14th-16th, 2016, LUISS University, Rome, Italy. *Rethinking spontaneous giving: Evidence for an inverted-U effect of cognitive effort on cooperative behavior.*
75. International Meeting on Experimental and Behavioral Social Sciences, April 14th-16th, 2016, LUISS University, Rome, Italy. *Intuition favors pro-social honesty in deception games.*
76. Workshop on Internet Experiments, March 2nd, 2016, Middlesex University, London, United Kingdom. *Partner selection supported by opaque reputation promotes cooperative behavior.*
77. Network & Optimization Seminar, February 10th, 2016, CWI, Amsterdam, The Netherlands. *Predicting human behavior: Review of classical literature and new insights.*

78. III London Experimental Workshop, November 16th-17th, 2015, Middlesex University, London, United Kingdom. *Does telling white lies signal pro-social preferences?*
79. Seminar Social Psychology, November 6th, 2015, Tilburg University, The Netherlands. *Social setting, intuition, and experience in lab experiments interact to shape cooperative decision-making.*
80. Workshop on Evolution and Warfare, September 18th, 2015, NIMBioS at the University of Tennessee, Knoxville, USA. *Social setting, intuition, and experience in lab experiments interact to shape cooperative decision-making.*
81. June 15th, 2015, CNR, Rome, Italy. *Social setting, intuition, and experience in lab experiments interact to shape cooperative decision-making.*
82. Seminar in Economic Theory, Behavioral Economics, and Computation, Feb 12th, 2015, Maastricht University, NL. *Non-consequentialist moral behavior and the assumption of economic theory.*
83. Human Cooperation Lab Meeting, Nov. 5th, 2014, Yale University, USA. *Does economic theory need a rethink? Prosocial people violate the consequentialist assumption in one-shot simultaneous-move games.*
84. 25th International Conference on Game Theory, July 7th - July 11th, 2014, Stony Brook Center for Game Theory, USA. *Group size effect on cooperation in social dilemmas.*
85. Plenary speaker at the 25th International Conference on Operator Theory, June 30th - July 5th, 2014, Institute of Mathematics of the Romanian Academy and the West University of Timisoara, Romania. *Groups associated to II_1 -factors.*
86. Pure Mathematics Seminar, May 21st, 2014. Department of Mathematics and Statistics, Lancaster University, Lancaster, United Kingdom. *Groups associated to II_1 -factors.*
87. EconCS Seminar, Apr. 1st, 2014, Berkeley, USA. *A model of human cooperation in social dilemmas.*
88. Departmental Seminar, Feb. 26th, 2014. Department of Economics and Finance, Luiss University, Rome, Italy. *A Model of Human Cooperation in Social Dilemmas.*
89. 6th International Symposium in Algorithmic Game Theory. Oct. 21st-23rd, 2013. Aachen, Germany. *Cooperative equilibria in iterated social dilemmas.*
90. "Human Cooperation Laboratory" meeting, Sept. 29th, 2013, Yale University, New Haven, CT, USA. *A Model of Human Cooperation in Social Dilemmas.*
91. Game Theory Seminar, Sept. 9th, 2013, Cornell University, Ithaca, NY, USA. *A solution concept for games with altruism and cooperation.*
92. Geometric Group Theory Seminar, July 25th, 2013, Banach Center, Warsaw, Poland. Discrete Algebraic Topology on Metric Spaces.
93. SING9 - July 8th-10th, 2013, Vigo, Spain. *A solution concept for games with altruism and cooperation.*

94. Economics Seminar, June 7th, 2013, UFSC, Florianopolis, Brazil. *A solution concept for games with altruism and cooperation.*
95. Pure Maths Lunchtime Seminar - May 13rd, 2013, University of Southampton, UK. *Predicting human behaviour: the cooperative equilibrium theory.*
96. Agents Seminar - March 12nd, 2013, University of Southampton, UK. *A solution concept for games with altruism and cooperation.*
97. Probabilistic Operator Algebras Seminar - January 23rd, 2013, UC Berkeley, CA, USA. *Groups associated to II_1 -factors.*
98. EconCS Seminar - January 22nd, 2013, UC Berkeley, CA, USA. *A solution concept for games with altruism and cooperation.*
99. Discrete Mathematics Seminar - January 18th, 2013, UC Davis, CA, USA. *On the coarse fundamental group.*
100. Coarse Geometry Seminar - September 21st, 2012, Southampton, United Kingdom. *Some ideas to define a coarse fundamental group.*
101. World Congress in Game Theory - July 22nd-27th, 2012, Istanbul, Turkey. *An algebraic approach to countable games.*
102. Game Theory Seminar - April 18th, 2012, LUISS, Rome, Italy. *An algebraic approach to countable games.*
103. Colloquium (organized by F. Schlenk) - March 13rd, 2012, Neuchatel, Switzerland. *Some interplay between Group Theory and Game Theory.*
104. Geometry and Analysis Seminar - Dec. 13, 2011, Wien, Austria. *Topology on locally finite metric spaces and applications.*
105. Infinite monster groups - Dec.11st-20th, 2011, Wien, Austria. *A construction of groups preserving hyperlinearity*
106. Seminaire de Geometrie Algebrique - Nov. 11st, 2011, Konstanz, Germany. *An introduction to Connes embedding conjecture*
107. Seminaire Groupe et Analyse, Neuchatel, Switzerland. *Cyclic Hilbert spaces and Connes' embedding conjecture*
108. SING7 - 7th Meeting on Game Theory, TELECOM Paris Tech, Paris, France. *von Neumann rejoins himself: game theory and amenable groups*
109. Geometric Group Theory, Bristol, United Kingdom. *A geometric invariant for hyperlinear groups*
110. Journées d'Analyse Fonctionnelle, Besançon, France. *A geometric invariant coming from Connes' embedding conjecture*
111. Rencontre du GDRE GREFI-GENCO, IHP, Paris, France. *A geometric invariant coming from Connes' embedding conjecture*

112. Applied stochastic models and data analysis international conference, June, 2011, La Sapienza, Rome, Italy. *von Neumann rejoins himself: game theory and amenable groups*.
 113. EU-NGC 4th Annual Meeting, Bucharest, Romania. *A geometric invariant coming from Connes' embedding conjecture*
 114. LaWiNe seminar, Neuchâtel, Switzerland. *Product of ultrafilters and application to Connes' embedding conjecture*
 115. *A geometric invariant coming from Connes' embedding conjecture*, Florianopolis, Brazil - cancelled for personal reasons.
 116. *Product of ultrafilters and application to Connes' Embedding Problem*, University of Gottingen, Germany.
 117. *Product between ultrafilters and applications to hyperlinear groups*, Sophus Lie Conference Center, Nordfjordeid, Norway.
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RESEARCH VISITS

- June-July 2024, IMT School for Advanced Studies, Lucca, Italy. One month as a visiting professor.
- December 2020, University of Florence, Italy. Two weeks visiting Leonardo Boncinelli.
- May 2020, Boston College, USA. One week visiting Liane Young [cancelled because of Covid-19].
- May 2020, New York University, USA. One week visiting Jay van Bavel [cancelled because of Covid-19].
- May 2020, MSRI, Berkeley, CA, USA. Two weeks visiting Hélène Barcelo [cancelled because of Covid-19].
- June-July 2019, IMT School for Advanced Studies, Lucca, Italy. One month visiting Ennio Bilancini.
- June 2019, University of Amsterdam, The Netherlands. One week visiting Shaul Shalvi.
- May 2019, Universidad Carlos III de Madrid, Spain. One week visiting Anxo Sanchez.
- May 2019, University of Granada, Spain. One week visiting Ismael Rodriguez-Lara.
- May/June 2018, MSRI, Berkeley, CA, USA. Two weeks visiting Hélène Barcelo.
- May 2018, University of California San Diego, USA. Ten days visiting Uri Gneezy.

- March 2018, Maribor University, Slovenia. One week visiting Matjaz Perc.
 - June 2017, Universidad Carlos III de Madrid, Spain. One week visiting Anxo Sánchez.
 - May 2017, MSRI, Berkeley, CA, USA. One month visiting Hélène Barcelo.
 - March 2015, MSRI, Berkeley, CA, USA. One month visiting Hélène Barcelo.
 - November 2014, Yale University, New Haven, Connecticut, USA. Two weeks visiting David G. Rand
 - April 2014, MSRI, Berkeley, CA, USA. One month visiting Hélène Barcelo.
 - December 2013, Bocconi University, Milan, Italy. One week visiting Massimo Marinacci.
 - September 2013, Yale University, New Haven, Connecticut, USA. Ten days visiting David G. Rand.
 - September 2013, Cornell University, Ithaca, NY, USA. One week visiting Joe Halpern.
 - July 2013, University of Warsaw, Poland. Two weeks visiting Piotr Nowak.
 - June 2013, Universidade Federal de Santa Catarina, Florianopolis, Brasil. Three weeks visiting Vladimir Pestov.
 - January 2013, MSRI, Berkeley, California, USA. Two weeks visiting Hélène Barcelo.
 - January-February 2012, IHP, Paris, France. Two weeks visiting Marco Scarsini.
 - July 2010, Penn State University, Pennsylvania, USA. Two weeks visiting Nathaniel P. Brown.
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TEACHING

- 2025/2026
 - *Psychology of moral decisions*, University of Milan-Bicocca, Milan, Italy. Module leader.
 - *Cognitive and behavioral measures*, University of Milan-Bicocca, Milan, Italy. Module leader.
 - *Cognitive and behavioral measures*, University of Pavia, Pavia, Italy. Module leader.
- 2024/2025
 - *Psychology of moral decisions*, University of Milan-Bicocca, Milan, Italy. Module leader.
 - *Psychology of thinking*, University of Milan-Bicocca, Milan, Italy. Module leader.
 - *Cognitive and behavioral measures*, University of Milan-Bicocca, Milan, Italy. Module leader.

- 2023/2024
 - *Psychology of moral decisions*, University of Milan-Bicocca, Milan, Italy. Module leader.
 - *Cognitive and behavioral measures*, University of Milan-Bicocca, Milan, Italy. Module leader.
 - *Cognitive and behavioral measures*, University of Pavia, Pavia, Italy. Module leader.
- 2022/2023
 - *Psychology of moral decisions*, University of Milan-Bicocca, Milan, Italy. Module leader.
 - *Cognitive and behavioral measures*, University of Milan-Bicocca, Milan, Italy. Module leader.
- 2021/2022
 - *Behavioral Economics*, Middlesex University, London, United Kingdom. Lecturer.
 - *Quantitative Techniques I*, Middlesex University, London, United Kingdom. Module Leader.
- 2020/2021
 - *Behavioral Economics*, Middlesex University, London, United Kingdom. Lecturer.
 - *Quantitative Techniques II*, Middlesex University, London, United Kingdom. Module Leader.
- 2019/2020
 - *Behavioral Economics*, Middlesex University, London, United Kingdom. Lecturer.
 - *Quantitative Techniques I*, Middlesex University, London, United Kingdom. Module Leader.
- 2018/2019
 - *Behavioral Economics*, Middlesex University, London, United Kingdom. Lecturer.
 - *Quantitative Techniques II*, Middlesex University, London, United Kingdom. Module Leader.
- 2017/2018
 - *Behavioral Economics*, Middlesex University, London, United Kingdom. Lecturer.
 - *Quantitative Techniques I*, Middlesex University, London, United Kingdom. Module Leader.
 - *Quantitative Techniques II*, Middlesex University, London, United Kingdom. Module Leader.
- 2016/2017

- *Economic Decisions and Strategies*, Middlesex University, London, United Kingdom. Module Leader.
- *Behavioral Economics*, Middlesex University, London, United Kingdom. Lecturer.
- *Quantitative Techniques I*, Middlesex University, London, United Kingdom. Module Leader.
- 2015/2016
 - *Game Theory*, University of Amsterdam, Amsterdam, The Netherlands. Module Leader.
- 2014/2015
 - *Game Theory*, University of Amsterdam, Amsterdam, The Netherlands. Module Leader.
- 2013/2014
 - *Linear Algebra*, University of Southampton, Southampton, United Kingdom. Teaching Assistant.
- 2012/2013
 - *Introduction to Connes' embedding conjecture*, Universidade Federal de Santa Catarina, Florianopolis, Brasil. Main speaker at the Workshop on Sofic and Hyperlinear Groups and the Connes Embedding Conjecture.
 - *Calculus II*, University of Southampton, Southampton, United Kingdom. Teaching Assistant.
 - *Linear Algebra*, University of Southampton, Southampton, United Kingdom. Teaching Assistant.
 - *Calculus I*, University of Southampton, Southampton, United Kingdom. Teaching Assistant.
- 2011/2012
 - *Introduction to II_1 -factors and Connes' embedding conjecture*, University of Neuchâtel, Switzerland. Graduate Course.
 - *Topology on locally finite metric spaces*, University of Neuchâtel, Switzerland. Graduate Course.
- 2010/2011
 - *An introduction to Connes' embedding conjecture*, Penn State University, State College (USA). Graduate Course.
 - *Mathematics for Economics*, LUISS University, Rome, Italy. Teaching Assistant.
 - *Mathematics for Economics*, University of Rome 'Tor Vergata', Italy. Teaching Assistant.
- 2009/2010
 - *Mathematics for Economics*, LUISS University, Rome, Italy. Teaching Assistant.

- *Mathematics for Economics*, University of Rome 'Tor Vergata', Italy. Teaching Assistant.
 - *An introduction to Connes' embedding conjecture*, University of Rome 'Tor Vergata' (Italy). Graduate Course.
 - 2008/2009
 - *Mathematics for Economics*, University of Rome 'Tor Vergata', Italy. Teaching Assistant.
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Last update: 25/09/2025

Valerio Capraro