

## Gustavo Cevolani

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### Personal details

Place of birth: Vignola (Modena, Italy)  
Date of birth: 29 December 1977  
Citizenship: Italian

### Present positions

- 2017–2020      Assistant Professor, Logic and Philosophy of Science, IMT School for Advanced Studies Lucca (senior “RTDb” researcher position)
- 2014–          External member, Center for Logic, Language and Cognition (LLC), University of Turin
- National Scientific Habilitation (ASN), required in order to apply for Associate or Full Professor positions in Italian universities:
- 2018–2024      National Scientific Habilitation (ASN) as Full Professor of Logic, History and Philosophy of Science
- National Scientific Habilitation (ASN) as Associate Professor of Logic, History and Philosophy of Science
- 2013–2019      National Scientific Habilitation (ASN) as Associate Professor of Logic, History and Philosophy of Science

### Past academic positions

- 11/2016–06/2017      Research fellow, Logic and Philosophy of Science, Department of Philosophy and Education, University of Turin
- 2013–2016          Assistant Professor (junior “RTDa” researcher position), Logic and Philosophy of Science, Department of Philosophy and Education, University of Turin (Italy)
- 2006–2008          Post-doc fellow (Logic and Philosophy of Science), Department of Philosophy, University of Bologna (Italy)

- 10/2003–03/2004 Visiting PhD student, Department of Philosophy, University of Konstanz (Germany)
- 2001–2004 PhD student, Department of Philosophy, University of Bologna (Italy)

### Education

- 2005 PhD in Philosophy, University of Bologna
- 2001 Laurea (MA) in Philosophy, University of Bologna

### Areas of research

- Specialization:* Philosophy of Science, Formal Epistemology
- Competence:* Decision Theory, Logic
- Interests:* Foundations of Cognitive and Behavioral Sciences, Methodology of Economics and Social Science, Critical Thinking, History of Science

My ongoing research mainly deals with theories of rationality and of cognitive values, the analysis of scientific and ordinary reasoning, and related topics in epistemology and philosophy of science (scientific progress, truthlikeness, information, confirmation theory, and the realism/antirealism debate).

### Funded research projects, awards, and distinctions

- 2019–2022 *From models to decisions* (PI of the IMT Lucca unit), Italian Ministry of University and Scientific Research (PRIN 2017 grant 201743F9YE; national PI: Jan Sprenger).
- 2019–2021 *Technological change, soft skills and future high skilled jobs* (member), IMT School for Advanced Studies Lucca (PAI 2018 grant; PI: Massimo Riccaboni).
- 2018 Individual grant for research activity, Italian Ministry of University and Scientific Research (grant FFABR 2017), 3 000 €.
- 2015–2017 *Assessing information models: exploring theories and applications of optimal information search* (PI), University of Turin and Compagnia San Paolo grant “Excellent Young PI” (grant D16D15000190005, 50 000 €)
- 2013–2016 *Structures and dynamics of knowledge and cognition* (member), Italian Ministry of University and Scientific

- Research (FIRB grant D11J1200047001; PI: Vincenzo Crupi)
- 2011–2013 *Philosophical accounts of information* (sub-project PI), part of the project *Models of information search: A theoretical and empirical synthesis*, Deutsche Forschungsgemeinschaft SPP 1516 (New Frameworks of Rationality), grant CR 409/1-2 (PI: Vincenzo Crupi).
- 2008–2010 *Probability, stability and invariance* (member), Italian Ministry of University and Scientific Research (PRIN 2008 grant)
- 2006–2008 *Probability and causal structures in knowledge and decision making* (member), Italian Ministry of University and Scientific Research (PRIN 2006 grant)
- 2006 Distinguished doctoral dissertation award (publication), Bononia University Press
- 2006 *Logical and Ontological Foundations of Science*, Veritatis Splendor Institute scholarship, Bologna
- 2004–2006 *Probability, causal structures, and intentional processes* (member), Italian Ministry of University and Scientific Research (PRIN 2004 grant)
- 2004–2005 Scholarship for student assistance activity, University of Bologna
- 2003–2004 “Marco Polo” scholarship, University of Bologna
- 2002 AILA (Italian Association for Logic and Applications) fellowship

### Conference, workshop, and symposium organization

- 2019 *AISC 2019 mid-term Conference*, mid-term conference of the Italian Association for Cognitive Sciences, IMT Lucca, 22–24 May 2019 (chair of the organizing committee)
- Symposium on Rationality, emotions, and cognitive fallacies*, AISC 2019 mid-term Conference, IMT Lucca, 23 May 2019 (co-organizer)
- Workshop *Cognition, rationality, and pro-social behavior*, IMT School for Advanced Studies Lucca, 22 March 2019 (co-chair)
- 2018 *2nd IMT Research Symposium*, IMT Lucca, 19–20 November 2018 (organizing committee)

- Science, Rationality and Society*, kick-off meeting of the Group of Interest in the Methodology of the Inexact Sciences (GIMIS), IMT Lucca, 24 October 2018 (chair)
- Neuroscience and Philosophy: what's next?*, IMT Lucca, 11 May 2018 (co-chair), joint lab-workshop with talks from students and instructors of the courses on “Philosophy and Neuroscience in Moral Reasoning” (Cevolani) and “Philosophical and Ethical Themes in Neuroscience” (Garasic)
- 2017 *Fifth Reasoning Club Conference*, Center for Logic, Language, and Cognition, Turin, May 18–19, 2017 (organizing committee)
- 2016 Workshop *Reasoning in CS@Turin*, University of Turin, 16 December 2016 (co-chair)
- Workshop *Realism, progress, cognitive values*, University of Trieste, 30 September 2016 (organizing committee)
- Workshop *Modelli della spiegazione: logica, scienza, cognizione*, Scuola Superiore di Studi Umanistici, Bologna, October 21, 2016 (scientific committee)
- 2015 Symposium *Measure sensitivity in the study of reasoning and cognition* Conference of the European Philosophy of Science Association (EPSA15) Düsseldorf, September 23, 2015 (co-chair)
- Symposium *Measure sensitivity and robust model-based argumentation in the study of reasoning and cognition*, Seventh International Conference on Model-Based Reasoning Sestri Levante, June 26, 2015 (co-chair)
- 2014 Workshop *Structures and dynamics of knowledge and cognition*, University of Turin, 15 May 2014 (organizing committee)
- 2012 Workshop *Realism, antirealism, and the aims of science*, University of Trieste, 30 June 2012 (organizing committee)
- 2007 Workshop *The Cognitive Structures of Uncertainty and Scientific Inquiry*, University of Trieste, 27 January 2007 (organizing committee)
- 2006 Conference *Frames: a Colloquium in Linguistics, Philosophy and Economics*, University of Bologna, 9 June 2006 (organizing committee)

### Program committee memberships

- 2019 *The complexity of cognition: Multidisciplinary approaches to human behaviour*, XVI AISC Annual Conference 2019, Università degli Studi di Roma Tre, Rome
- Bayes By the Sea 2019* conference and summer school, Marche Polytechnic University, Ancona
- Formal Epistemology Workshop 2019*, University of Turin
- AISC 2019 mid-term Conference*, Associazione Italiana di Scienze Cognitive, IMT School for Advanced Studies Lucca, 22–24 May 2019
- 2017 *AISC 2017 Conference*, Associazione Italiana di Scienze Cognitive, Bologna, 14–16 December 2017

### Collaborations in projects and networks

- 2019– NUTS – Nudge Unit Toscana per la Salute, IMT School for Advanced Studies Lucca and ARS Toscana (PI for IMT Lucca)
- 2019– Game Science Research Center, IMT School for Advanced Studies Lucca and Lucca Crea (member of the kick off committee)

### Valorization and outreach (“terza missione”)

#### *Public lectures*

*Reasoning & rationality, cognitive psychology, behavioral economics, and nudge theory:*

Scuola Normale Superiore, San Miniato (2019); Brain Awareness Week, Lucca (2018); Notte dei Ricercatori, Lucca (BRIGHT 2017, 2018, 2019)

*Decision & game theory, methodology of social sciences, foundations of economics and political theory:*

Istituto Bruno Leoni, Turin (2006, 2015), Verona (2015); Scuola di Liberalismo, Fondazione Luigi Einaudi ONLUS, Parma (2006, 2007, 2010, 2012, 2016), Rome (2007), Bologna (2008), Turin (2009); Italia Nostra, Modena (2009, 2011, 2018); PoliCom, Pisa (2018)

*Philosophy of science and Popper’s epistemology and political philosophy:*

Bocconi University, Milan (2015); Liceo Vallisneri, Lucca (2018)

*Media presence*

- 2019 Interview with the Italian magazine *Diritto Penale e Uomo*, forthcoming in [www.dirittopenaleuomo.org](http://www.dirittopenaleuomo.org).  
G. Galletti, F. Aprà, F. Elia, A. Vannucci, F. Gemmi, and G. Cevolani. “Il ricorso alla teoria dei nudge per un uso prudente degli antibiotici in Toscana”. In: *Toscana Medica* 37.3 (2019), pp. 26–27. URL: <http://www.toscanamedica.org>
- Guest editor of the digest *The Reasoner*
- 2016 Interview with Graham Oddie (volume 10, no. 2)
- 2011 Interview with Gerhard Schurz (volume 5, no. 10)
- 2010 Interview with Ilkka Niiniluoto (volume 4, no. 9)
- 2009 Interview with Theo Kuipers (volume 3, no. 9)

**Teaching activities***Postgraduate level*

- 2017–2020 *Philosophy of Science*, IMT School for Advanced Studies Lucca  
*Critical Thinking*, IMT School for Advanced Studies Lucca  
*Philosophy and Neuroscience in Moral Reasoning*, IMT School for Advanced Studies Lucca
- 2019/2020 *Critical Thinking*, course in the *E-cubed* project, Scuola Superiore Sant’Anna and IMT School for Advanced Studies Lucca, POR FSE 2014 – 2020 Program, Region of Tuscany.
- 2015/2016 Seminars for the course *Epistemology and philosophy of science* (teacher: Vincenzo Crupi), MSc program in Philosophy, University of Turin
- 2008/2009 *Philosophy of Science* (“Epistemologia”), School of Specialization in Advanced Education (SSIS), University of Trento
- 2007/2008 *Philosophy of Science* (“Epistemologia”), School of Specialization in Advanced Education (SSIS), University of Trento

*Advanced level (professionals)*

- 2019 SILFS online course on *Scientific reasoning: concepts, methods, and learning* (for school teachers); course director and instructor
- Teorie, dati e realtà*, lecture in the SILFS course on “Pensiero scientifico: concetti, metodo, progettazione didattica”, Politecnico di Milano, 16 May 2019
- Behavioral sciences, complexity and nudges interventions for healthcare* (for physicians)
- 2019 Florence, Healthcare Regional Agency of Tuscany, May 15
- Clinical reasoning: Uncertainty, risk, and cognitive pitfalls* (for physicians and nurses)
- 2016 Florence, Regional Laboratory for Education in Healthcare, March 14-15
- 2015 Florence, Healthcare Regional Agency of Tuscany, September 30
- Clinical reasoning and diagnosis in emergency medicine* (for physicians)
- 2016 Modena, Healthcare Regional Agency of Emilia-Romagna, December 2
- Other teaching activities*
- 2019/2020 *Come (s)ragioniamo: logica, incertezza ed errore*, corso orientamento Scuola Normale Superiore, San Miniato (PI), 26 June 2019
- Critical Thinking*, course in the *E-cubed* project, Scuola Superiore Sant’Anna and IMT School for Advanced Studies Lucca, POR FSE 2014 – 2020 Program, Region of Tuscany.

### Supervision and tutoring

- 2019– Davide Coraci, PhD Thesis, IMT School for Advanced Studies Lucca, supervisor
- 2018 Giuseppe Grossi, Master thesis, University of Turin, co-supervisor (supervisor: Vincenzo Crupi)
- 2013 Giovanni Olla, Master Thesis, University of Trieste, co-supervisor (supervisor: Roberto Festa)

- 2012 Mara Menegon, Master Thesis, University of Trieste, co-supervisor (supervisor: Roberto Festa)
- 2008 Mara Menegon, Bachelor Thesis, University of Trieste, co-supervisor (supervisor: Roberto Festa)
- 2007 Federica Renar, PhD thesis, University of Trieste, co-supervisor (supervisor: Roberto Festa)

### **Institutional activities and academic management**

- 2019– Accreditation and Quality Assurance Steering Committee (“Presidio di Qualità di Ateneo”) of the IMT School for Advanced Studies Lucca (member)
- 2017–2020 Elected member of the Council of the Italian Society for Logic and the Philosophy of Science (SILFS)
- 2017– Board of the doctorate programs “Cognitive and Cultural Systems” and “Systems Science” at IMT School for Advanced Studies Lucca (member), XXXIII–XXXV cycle
- 2017– Teaching Committee (“Collegio dei Docenti”) of the IMT School for Advanced Studies Lucca (member)
- 2018–19 Visiting Professors Evaluation Committee, Neuroethics, IMT School for Advanced Studies Lucca (member)
- 2018 PhD Thesis Evaluation Committee, Political History track, IMT School for Advanced Studies Lucca (president)
- 2017 Post Doctoral Fellowships Evaluation Committee, MoMi-Lab research unit, IMT School for Advanced Studies Lucca (member)
- 2015–2018 P.I. of the Project: “Assessing information models: exploring theories and applications of optimal information search” funded by Compagnia di San Paolo and University of Turin.

### **Reviewing activities**

*Philosophy journals* (selected)

Australasian Journal of Philosophy  
 British Journal for the Philosophy of Science  
 Erkenntnis  
 Ethics and Politics



European Journal for the Philosophy of Science  
 Kairos  
 Organon F – Journal of Analytic Philosophy  
 International Studies in the Philosophy of Science  
 Logique et Analyse  
 Philosophy of Science  
 Rivista di Filosofia Neoscolastica  
 Southern Journal of Philosophy  
 Studies in History and Philosophy of Science  
 Synthese  
 The Reasoner

*Scientific and interdisciplinary journals*

Logic Journal of the IGPL  
 Mathematical Reviews (reviewer number: 115164)  
 Mind & Society  
 Philosophical Psychology  
 Review of Philosophy and Psychology

*Academic conferences (selected)*

Formal Epistemology Workshop (FEW 2019); Italian Association for Cognitive Sciences (AISC 2019); Annual Meeting of the Cognitive Science Society (CogSci 2017, 2018, 2019); Proceedings of the Italian Society for Logic and Philosophy of Science conference (SILFS 2014); Model-Based Reasoning in Science and Technology: Theoretical and Cognitive Issues (MBR'12).

*Publishing houses* Routledge, Rosenberg & Sellier (member of the scientific committee of *Le Scienze. Storia-teorie-metodo-etica* series)

*Funding agencies*

2019 European Commission, “Excellence in Science” program, “Future and Emerging Technologies” (FET), Human-Centric AI  
 2017 Italian Ministry of University and Scientific Research (VQR, national assessment of the quality of research, 2011-2014)

**Professional affiliations**

*Research centers*

2014– Center for Logic, Language, and Cognition (LLC), Uni-

versity of Turin

*Scientific societies*

European Philosophy of Science Association (EPSA)  
 European Society for Analytic Philosophy (ESAP)  
 Società Italiana di Logica e Filosofia della Scienza (SILFS)  
 Società Italiana di Filosofia Analitica (SIFA)  
 Società Italiana di Neuroetica (SINe)  
 Società Filosofica Italiana (SFI)

**Publications**

*Books:*

- 2013 R. Festa and G. Cevolani. *Giochi di società. Teoria dei giochi e metodo delle scienze sociali*. Milano-Udine: Mimesis, 2013 (in Italian)
- 2009 G. Cevolani. *La freccia della conoscenza. Cambiamento teorico, approssimazione alla verità e dinamica delle credenze*. Bologna: ArchetipoLibri, 2009 (in Italian)
- 2006 G. Cevolani. *Belief Change, Nonmonotonic Reasoning and Scientific Method*. Bologna: Bononia University Press, 2006

*Articles:*

Submitted and in preparation

- G. Cevolani, R. Di Paolo, and E. Bilancini. “Truth vs. truthlikeness: an experimental investigation”. Manuscript
- S. Bonzio, G. Cevolani, and T. Flaminio. “How to believe long conjunctions of beliefs: probability, quasi-dogmatism and contextualism”. submitted. 2019
- G. Cevolani, V. Crupi, and R. Festa. “The whole truth about Dina: Judicial reasoning and the conjunction fallacy”. Manuscript. 2019

Forthcoming and online first

- G. Cevolani. “Approaching truth in conceptual spaces”. In: *Erkenntnis* (2018). Forthcoming. DOI: 10.1007/s10670-018-0087-4
- G. Cevolani and R. Festa. “A partial consequence account of truthlikeness”. In: *Synthese* (2018). DOI: 10.1007/s11229-018-01947-3

- G. Cevolani and L. Tambolo. “Why Adding Truths Is Not Enough: A Reply to Mizrahi on Progress as Approximation to the Truth”. In: *International Studies in the Philosophy of Science* (2019). DOI: 10.1080/02698595.2019.1623502
- R. Festa, G. Cevolani, and L. Tambolo. “A Millian Look at the Logic of Clinical Trials”. In: *Uncertainty in Pharmacology*. Ed. by B. Osimani and A. La Caze. Springer, 2019
- G. Cevolani. “Filosofia della scienza e teoria delle decisioni razionali”. In: *La filosofia della scienza in Italia, oggi*. Ed. by P. Barrotta and E. Montuschi. Roma: Armando, 2019
- G. Cevolani. “Logica della scoperta scientifica”. In: *Biblioteca analitica. Linguaggio, conoscenza e mente*. Ed. by G. Bonino, C. Gabbani, and P. Tripodi. Carocci, 2019
- G. Cevolani and L. Tambolo. “Decisioni, democrazia e giudizio esperto”. Forthcoming. 2020
- 2018 V. Crupi, J. Nelson, B. Meder, G. Cevolani, and K. Tentori. “Generalized information theory meets human cognition: Introducing a unified framework to model uncertainty and information search”. In: *Cognitive Science* 42 (2018), pp. 1410–1456
- R. Festa and G. Cevolani. “Exploring and Extending the Landscape of Conjunctive Approaches to Verisimilitude”. In: *From Arithmetic to Metaphysics: A Path Through Philosophical Logic*. Ed. by Alessandro Giordani and Ciro de Florio. De Gruyter, 2018, pp. 69–88
- G. Cevolani and V. Crupi. “Come ragionano i giudici: razionalità, euristiche e illusioni cognitive”. In: *dis-Crimen* (2018/10/22). URL: <https://discrimen.it/come-ragionano-i-giudici-razionalita-euristiche-e-illusioni-cognitive/>
- G. Cevolani. “La luna di Parmenide”. In: *Natura, cultura e realtà virtuali*. Ed. by R. Roni. Pisa: ETS, 2018, pp. 125–132
- 2017 R. Festa and G. Cevolani. “Unfolding the grammar of Bayesian confirmation: likelihood and anti-likelihood principles”. In: *Philosophy of Science* 84 (2017), pp. 56–81

- G. Cevolani. “Fallibilism, verisimilitude, and the Preface Paradox”. In: *Erkenntnis* 82.1 (2017), pp. 169–183
- G. Cevolani and G. Schurz. “Probability, approximate truth, and truthlikeness: more ways out of the Preface Paradox”. In: *Australasian Journal of Philosophy* 95.2 (2017), pp. 209–225
- G. Cevolani and V. Crupi. “Come ragionano i giudici: razionalità, euristiche e illusioni cognitive”. In: *Criminalia* (2017), pp. 181–208
- G. Cevolani. “Truthlikeness and the problem of measure sensitivity”. In: *EPSA15 Selected Papers*. Ed. by M. Massimi, J.-W. Romeijn, and G. Schurz. Springer, 2017, pp. 257–271
- 2016 G. Cevolani. “Carnapian truthlikeness”. In: *Logic Journal of the IGPL* 24.4 (2016), pp. 542–556
- G. Cevolani. “Another way out of the Preface Paradox?” In: *New Developments in Logic and Philosophy of Science*. Ed. by L. Fellingine, A. Ledda, F. Paoli, and E. Rossanese. London: College Publications, 2016, pp. 155–164
- 2015 G. Cevolani and V. Crupi. “Subtleties of naïve reasoning. Probability, confirmation, and verisimilitude in the Linda paradox”. In: *Epistemology of ordinary knowledge*. Ed. by M. Bianca and P. Piccari. Cambridge Scholars, 2015, pp. 211–230
- G. Cevolani. “Social epistemology, debate dynamics, and truth approximation”. In: *Recent Developments in the Philosophy of Science: EPSA13 Helsinki*. Ed. by U. Mäki, S. Ruphy, G. Schurz, and I. Votsis. Springer, 2015, pp. 57–69
- G. Cevolani and R. Festa. “La commedia dei beni comuni”. In: *I beni comuni oltre i luoghi comuni*. Ed. by E. Somaini. Torino: IBL Libri, 2015, pp. 79–102
- 2014 G. Cevolani. “Strongly semantic information as information about the truth”. In: *Recent Trends in Philosophical Logic*. Ed. by R. Ciuni, H. Wansing, and C. Willkommen. Springer, 2014, pp. 59–74
- G. Cevolani. “Truth approximation, belief merging, and peer disagreement”. In: *Synthese* 191.11 (2014), pp. 2383–2401

- G. Cevolani. “Teoria dei giochi”. In: *APhEx* 10 (2014). URL: [www.aphex.it](http://www.aphex.it)
- G. Cevolani and R. Festa. “L’ingranaggio della cooperazione. Teorie dei giochi, cooperazione spontanea e produzione di beni pubblici”. In: *Libertates. Stato, politica e diritto alla prova delle libertà individuali*. Ed. by C. Lottieri and D. Velo Dalbrenta. Torino: IBL Libri, 2014, pp. 23–63
- G. Cevolani and R. Festa. “Giochi dei beni pubblici: il problema dei beni pubblici nella prospettiva della teoria dei giochi”. In: *Ethics & Politics* XVII.2 (2014), pp. 1063–1101. URL: <http://www2.units.it/etica/>
- 2013 G. Cevolani and L. Tambolo. “Truth may not explain predictive success, but truthlikeness does”. In: *Studies in History and Philosophy of Science* 44 (2013), pp. 590–593
- G. Cevolani, R. Festa, and T. A. F. Kuipers. “Verisimilitude and belief change for nomic conjunctive theories”. In: *Synthese* 190.16 (2013), pp. 3307–3324
- G. Cevolani. “Truth approximation via abductive belief change”. In: *Logic Journal of the IGPL* 21.6 (2013), pp. 999–1016
- G. Cevolani and L. Tambolo. “Progress as approximation to the truth: a defence of the verisimilitudinarian approach”. In: *Erkenntnis* 78.4 (2013), pp. 921–935
- G. Cevolani. “Guest editor’s preface”. In: *Ethics & Politics* 15.2 (2013). Special section on *Cooperation in nature, science, and society*, pp. 7–13
- Gustavo Cevolani, F. Di Iorio, and E. Di Nuoscio. “Dalla filosofia alla scienza, e ritorno: l’analisi della conoscenza tra epistemologia e scienze cognitive”. In: J.-M. Besnier. *Teorie della conoscenza*. Rubbettino, 2013, pp. 5–14
- 2012 G. Cevolani, V. Crupi, and R. Festa. “A verisimilitudinarian analysis of the Linda paradox”. In: *VII Conference of the Spanish Society for Logic, Methodology and Philosophy of Science*. Ed. by C. Martínez Vidal, J. L. Falguera, J. M. Sagüillo, V.M. Verdejo, and M. Pereira-Fariña. Santiago de Compostela (Spain): USC Press, 2012, pp. 366–373. URL: <http://hdl.handle.net/10347/5853>
- G. Cevolani and L. Tambolo. “Underdetermination, real-

- ism, and truth approximation”. In: *VII Conference of the Spanish Society for Logic, Methodology and Philosophy of Science*. Ed. by C. Martínez Vidal, J. L. Falguera, J. M. Sagüillo, V.M. Verdejo, and M. Pereira-Fariña. Santiago de Compostela (Spain): USC Press, 2012, pp. 374–381. URL: <http://hdl.handle.net/10347/5853>
- G. Cevolani and R. Festa. “Giochi di altruismo. L’approccio evuzionistico alla cooperazione umana”. In: M. Ridley. *Le origini della virtù*. Torino: IBL Libri, 2012, pp. 7–38
- 2011 G. Cevolani. “Hayek in the lab. Austrian School, game theory, and experimental economics”. In: *Logic & Philosophy of Science* 9.1 (2011), pp. 429–436
- G. Cevolani. “Verisimilitude and strongly semantic information”. In: *Ethics & Politics* 2 (2011), pp. 159–179. URL: <http://www2.units.it/etica/>
- G. Cevolani, V. Crupi, and R. Festa. “Verisimilitude and belief change for conjunctive theories”. In: *Erkenntnis* 75.2 (2011), pp. 183–202
- G. Cevolani and R. Festa. “Giochi di anarchia. Beni pubblici, teoria dei giochi e anarco-liberalismo”. In: *Nuova Civiltà delle Macchine* 29.1–2 (2011), pp. 163–180
- 2010 G. Cevolani, V. Crupi, and R. Festa. “The whole truth about Linda: probability, verisimilitude and a paradox of conjunction”. In: *SILFS New Essays in Logic and Philosophy of Science*. Ed. by M. D’Agostino, G. Giorello, F. Laudisa, T. Pievani, and C. Sinigaglia. London: College Publications, 2010, pp. 603–615
- G. Cevolani and F. Calandra. “Approaching the truth via belief change in propositional languages”. In: *EPSA Epistemology and Methodology of Science: Launch of the European Philosophy of Science Association*. Ed. by M. Suárez, M. Dorato, and M. Rèdei. Dordrecht: Springer, 2010, pp. 47–62
- 2009 G. Cevolani and R. Festa. “Scientific change, belief dynamics and truth approximation”. In: *La Nuova Critica* 51–52 (2008), pp. 27–59
- 2008 G. Cevolani. “Giochi, dilemmi sociali e scelte collettive”. In: A. de Jasay. *Scelta, contratto, consenso*. Rubbettino/Leonardo Facco, 2008, pp. 13–56

- 2007 G. Cevolani. “Ragionamento, causa, spiegazione. Dinamica epistemica, inferenze non-monotone e teorie esplicazioniste della causa”. In: *Il problema dei fondamenti: da Aristotele e Tommaso d’Aquino all’ontologia formale*. Ed. by Alberto Strumia. Siena: Cantagalli, 2007, pp. 143–167

*Encyclopedia entries and other publications:*

- 2016 G. Cevolani. “Interview with Graham Oddie”. In: *The Reasoner* 10.2 (2016), pp. 9–12
- 2011 G. Cevolani. “Editorial and Interview with Gerhard Schurz”. In: *The Reasoner* 5.10 (2011), pp. 160–165
- 2010 G. Cevolani. “Erotetic logic, Meaning, Negation as failure, Theory, Verisimilitude”. In: *Key Terms in Logic*. Ed. by J. Williamson and F. Russo. Londra: College Publications, 2010
- G. Cevolani. “Editorial and Interview with Ilkka Niiniluoto”. In: *The Reasoner* 4.9 (2010), pp. 133–136
- 2009 G. Cevolani. “Editorial and Interview with Theo Kuipers”. In: *The Reasoner* 3.9 (2009), pp. 1–4

*Translations to Italian:*

- 2015 Philippe Nemo. *La bella morte dell’ateismo moderno*. Soveria Mannelli: Rubbettino, 2014. Original edition: *La belle morte de l’athéisme moderne*, Paris: PUF, 2012.
- 2012 Jean-Michel Besnier. *Le teorie della conoscenza*. Soveria Mannelli: Rubbettino, 2013. Original edition: *Les théories de la connaissance*, Paris: PUF, 2011 (prima edizione: 2005).
- 2008 Anthony de Jasay. *Scelta, contratto, consenso*. Ed. by Gustavo Cevolani. Rubbettino/Leonardo Facco, 2008. Original edition: *Choice, Contract, Consent*, London: Institute of Economic Affairs, 1991

*Reviews:*

- 2015– 13 short article reviews in *Mathematical Reviews*
- 2015 G. Cevolani. “A systematic companion to ‘neo-classical’ philosophy of science”. In: *Metascience* 24.2 (2015), pp. 295–299
- 2011 G. Cevolani and R. Festa. “‘Merely a logician’s toy?’

Belief revision confronting scientific theory change". In: *Metascience* 21.2 (2012), pp. 463–466

## Talks and presentations

### *Invited talks*

- 2019
- G. Cevolani. *Cognitive values, rationality, and fallacies*. 4<sup>th</sup> Boulder-Stockholm Workshop on Cognitive Values. Swedish Royal Academy of Letters, History and Antiquities, Stockholm, June 11, 2019
- G. Cevolani. *Experimental cognitive decision theory*. "Rationality, Logic, and Scientific Realisms" conference. Department of Humanistic Studies, University of Trieste, Oct. 18, 2019
- G. Cevolani and R. Di Paolo. *Rationality, fallacies, and truth(likeness)*. Seminario del Dipartimento di Scienze per l'Economia e l'Impresa. Florence, June 4, 2019
- Gustavo Cevolani and L. Tambolo. *Decisioni, democrazia e ragionamento esperto*. "Complessità, esperti scientifici e valutazione del rischio nelle società democratiche", Associazione Nuova Civiltà delle Macchine. Forlì, Oct. 11, 2019
- G. Cevolani. *Come (s)ragioniamo: logica, probabilità ed errori*. Corso di formazione Piano Lauree Scientifiche in Matematica. Università di Modena e Reggio Emilia, Oct. 8, 2019
- 2018
- Gustavo Cevolani. *Probability, truthlikeness, and rational belief*. "Bayes by the sea 2018", Università Politecnica delle Marche. Ancona, Sept. 14, 2018
- Gustavo Cevolani. *Rationality, decision, and biases*. 2nd IMT Research Symposium. Lucca, Nov. 20, 2018
- Gustavo Cevolani. *Ragionamento, decisioni e trappole mentali*. "Philosophy, Science, and Policy" Seminar, Università Politecnica delle Marche. Ancona, Oct. 11, 2018
- Gustavo Cevolani. *La teoria delle decisioni razionali*. "La filosofia della scienza in Italia oggi", Associazione Nuova Civiltà delle Macchine. Forlì, Oct. 20, 2018
- Gustavo Cevolani. *Come ragioniamo: logica, probabilità e trappole mentali*. Scuola di Studi Superiori "Carlo Urbani". Camerino, Oct. 10, 2018



- R. Festa and G. Cevolani. *Truthlikeness: Bridging Conjunctive and Disjunctive Accounts*. For a bottom up epistemology. Bertinoro, June 9, 2018
- E. Bilancini, G. Cevolani, and M. Riccaboni. *La spinta gentile: Thaler, un Nobel tra economia e psicologia*. Brain Awareness Week 2018. Lucca, Mar. 14, 2018
- 2017 Gustavo Cevolani. *Filosofia e scienze: per una didattica integrata nella scuola secondaria superiore*. Natura, cultura e realtà virtuali: Convegno Nazionale della Società Filosofia Italiana. IMT Lucca, Nov. 10, 2017
- Gustavo Cevolani. *Come ragioniamo: logica, probabilità e trappole mentali*. Bright 2017 – Notte dei Ricercatori. Lucca, Sept. 30, 2017
- Gustavo Cevolani. *Razionalità, incertezza e decisioni cognitive*. Bologna, Oct. 24, 2017
- Gustavo Cevolani. *Rationality, fallibilism, and truth approximation*. IMT Research Seminar. Lucca, Feb. 15, 2017
- Roberto Festa and Gustavo Cevolani. *Verisimilitude: the fourth period*. Bologna, Jan. 26, 2017
- 2016 G. Cevolani and R. Festa. *Bridging conjunctive and disjunctive accounts of truthlikeness*. Workshop “Realism, progress, and cognitive values”. Trieste, Sept. 30, 2016
- G. Cevolani. *Dalla Scommessa al Leviatano: probabilità, razionalità e teoria dei giochi*. Seminario di Filosofia Moderna su *Filosofia ed economia*. May 30, 2016
- 2015 G. Cevolani and V. Crupi. *Spiegare l'irrazionalità? Il caso della fallacia della congiunzione*. Workshop “Modelli della spiegazione: logica, scienza, cognizione”. Bologna, Oct. 21, 2015
- G. Cevolani. *Tempo, incertezza ed equilibrio*. Seminario su *L'economia del tempo e dell'ignoranza* di O'Driscoll e Rizzo. Milano, May 11, 2015
- G. Cevolani. *Popper su fallibilismo, antistoricismo e democrazia*. “L'ombra del potere”: Scuola di Filosofia Politica. Milano, Bocconi University
- G. Cevolani. *Fallibilism, verisimilitude, and the Preface Paradox*. Research Seminar of the Chair of Theoretical

- Philosophy. Düsseldorf, May 26, 2015
- G. Cevolani, V. Crupi, and R. Festa. *Likelihood principles and the grammar of Bayesian confirmation*. Model Selection: Ockham's Razors and Related Issues. Padua, Apr. 16, 2015
- V. Crupi and G. Cevolani. *Le basi cognitive dell'errore in medicina*. Firenze, Jan. 14, 2015
- G. Cevolani. *Half-truths: on the plurality of verisimilitude measures*. Roma 3 Philosophy of Science Seminar. Roma, Mar. 25, 2015
- 2014 V. Crupi and G. Cevolani. *Le basi cognitive dell'errore in medicina*. IX Congresso Nazionale SIMEU. Torino, Nov. 7, 2014
- 2013 G. Cevolani. *Similarity, information, and verisimilitude*. Workshop on The logic and psychology of confirmation and information search. Munich, Feb. 26, 2013
- 2012 G. Cevolani. *Belief merging and truth approximation*. 5<sup>th</sup> Copenhagen Lund Workshop in Social Epistemology. Lund
- G. Cevolani. *Merging belief toward the truth*. International Workshop on Realism, Antirealism, and the Aims of Science. Trieste, June 30, 2012
- G. Cevolani and F. Renar. *Abduction, belief change, and verisimilitude*. International Workshop on Realism, Antirealism, and the Aims of Science. Trieste, June 30, 2012
- 2011 G. Cevolani. *Verisimilitude, Conjunctive Paradoxes, and the Linda Problem*. Research Seminar of the Chair of Theoretical Philosophy. Düsseldorf, May 31, 2011
- 2010 G. Cevolani. *Appraising scientific progress: Verisimilitude, Theory Change, and the Aims of Science*. International Colloquium on Models of the Mind. Rome, May 14, 2010
- 2009 G. Cevolani. *Giochi d'invidia. Altruismo ed invidia nell'evoluzione dell'ordine sociale*. Settimana Internazionale della Ricerca 2009 — Simposio su *Scienza, ordine e regole in una società libera*. Matera, Italy, Sept. 30, 2009
- G. Cevolani. *Contrast measures of verisimilitude and*

- belief revision*. International Workshop on Probability, Confirmation, and Verisimilitude. Trieste, Sept. 12, 2009
- 2008 G. Cevolani. *Social dilemmas: game-theoretic explanations of cooperation*. Causality, Meaningful Complexity and Knowledge Construction. Roma, Oct. 8, 2008
- G. Cevolani. *Giochi, dilemmi sociali e scelte collettive*. Scelte razionali, interazioni strategiche e metodo delle scienze sociali. Trieste, Mar. 6, 2008
- 2007 G. Cevolani. *Verisimilitudine, cambiamento epistemico e limiti del coerentismo*. Dinamica delle credenze, teoria dei giochi e complessità dell'interazione sociale. Trieste, July 6, 2007
- F. Calandra and G. Cevolani. *Can we approach the truth by belief revision?* The Cognitive Structures of Uncertainty and Scientific Inquiry. Trieste, Jan. 27, 2007
- 2006 G. Cevolani and R. Festa. *Verisimilitude, belief revision and belief merging*. International Colloquium on Epistemic Complexity, Scientific Invariants and Cultural Evolution. Roma, Oct. 9, 2006
- G. Cevolani and R. Festa. *Approaching the truth via belief revision*. Frames: a Colloquium in Linguistics, Philosophy and Economics. Bologna, June 9, 2006
- G. Cevolani. *Individualismo metodologico e teoria dei giochi*. Incertezza, Complessità dei Sistemi Sociali e Teoria dei Giochi. Trieste, Mar. 29, 2006
- G. Cevolani. *Metodologia austriaca e teoria dei giochi*. Seminario Rothbard. Milano, Mar. 27, 2006
- Peer reviewed*
- 2019 G. Cevolani, V. Crupi, and R. Festa. *Approaching deterministic and probabilistic truth: an unified account*. 16<sup>th</sup> International Congress of Logic, Methodology and Philosophy of Science and Technology, Symposium on "Approaching Probabilistic Truths". Prague, July 8, 2019
- G. Cevolani, V. Crupi, and R. Festa. *The whole truth about Dina: Judicial reasoning and the conjunction fallacy*. IVR2019 conference, symposium on "Judicial Decision-Making: Integrating Empirical and Theoretical Perspectives". Lucerne, Aug. 6, 2019

- G. Cevolani. *Rational belief, probability, and truthlikeness: a plea for strong fallibilism*. Formal Epistemology Workshop 2019. Turin, June 19, 2019
- R. Di Paolo and G. Cevolani. *Rationality, fallacies, and truth(likeness)*. AISC mid-term conference 2019. Lucca, May 23, 2019
- 2018 Gustavo Cevolani. *Carneades' thesis on belief*. British Society for the Philosophy of Science 2018. Oxford
- Gustavo Cevolani and L. Cecchetti. *Abducting minds: reverse inference and abductive reasoning in cognitive neuroscience*. MuST 2018. Turin, June 11, 2018
- Gustavo Cevolani and L. Cecchetti. *Abduction, reverse inference, and the neuroscience of moral reasoning*. SIne 2018. Turin, May 18, 2018
- 2017 G. Cevolani. *A new way out of the Lottery paradox*. Prolog Conference Series on Combining Probability and Logic (Prolog 2017). Munich, Mar. 29, 2017
- G. Cevolani. *Three theses on belief*. Ninth European Congress of Analytic Philosophy (ECAP9). Munich, Aug. 25, 2017
- 2016 G. Cevolani. *Truthlikeness in Conceptual Spaces*. The second workshop Conceptual Spaces at Work. Södertörn University, Huddinge, Sweden, Aug. 25, 2016
- G. Cevolani and G. Schurz. *Escaping the Preface Paradox: truthlikeness, fallibilism, and the Lockean thesis*. XII Conference of the Italian Society for Analytic Philosophy (SIFA). Pistoia, Sept. 6, 2016
- G. Cevolani and R. Festa. *Truthlikeness and partial information: a new conjunctive account of verisimilitude*. XII Conference of the Italian Society for Analytic Philosophy (SIFA). Pistoia, Sept. 6, 2016
- Vincenzo Crupi, Jonathan Nelson, Björn Meder, Gustavo Cevolani, and Katya Tentori. *Beyond Shannon entropy: A unified mathematical framework for entropy and its importance for understanding human active learning*. Annual Meeting of the Psychonomic Society. Boston, Nov. 20, 2016
- 2015 G. Cevolani. *Measure sensitivity in verisimilitude theory*. EPSA15. Düsseldorf, Sept. 23, 2015

Vincenzo Crupi, Jonathan Nelson, Björn Meder, Gustavo Cevolani, and Katya Tentori. *Shannon and beyond: Generalized entropies and rational information search*. EPSA15. Düsseldorf, Sept. 23, 2015

Vincenzo Crupi, Jonathan Nelson, Björn Meder, Gustavo Cevolani, and Katya Tentori. *Beyond Shannon entropy: a framework for entropy and active learning*. Math Psych 2015. University of California, Irvine, July 20, 2015

Vincenzo Crupi, Jonathan Nelson, Björn Meder, Gustavo Cevolani, and Katya Tentori. *Beyond Shannon entropy: A unified mathematical framework for entropy measures and its importance for understanding human active learning*. Biennial Conference on Subjective Probability, Utility, and Decision Making. Budapest, Aug. 10, 2015. Poster

Vincenzo Crupi, Jonathan Nelson, Björn Meder, Gustavo Cevolani, and Katya Tentori. *How a unified mathematical approach to entropy can help us understand human intuitions and design better experiments*. Workshop on Optimal experimental design, Annual Conference of the Cognitive Science Society. Pasaneda

G. Cevolani. *Measure sensitivity in verisimilitude theory*. Model Based Reasoning 2015. Sestri Levante, June 26, 2015

2014 G. Cevolani. *A better way out of the Preface Paradox*. SILFS 2014 – Triennial Conference of the Italian Society for Logic and Philosophy of Science. Rome, June 20, 2014

R. Festa and G. Cevolani. *Matthew properties for incremental confirmation and the weak law of likelihood*. SILFS 2014 – Triennial Conference of the Italian Society for Logic and Philosophy of Science. Rome, June 19, 2014

2013 G. Cevolani. *Democrazia epistemica, saggezza delle folle e approssimazione alla verità*. Workshop Ragionamento Collettivo e Modelli di Democrazia. Torino, Nov. 15, 2013

R. Festa and G. Cevolani. *Matthew properties for incremental confirmation and the weak law of likelihood*. Workshop on Inductive Logic and Confirmation in Science. Paris, Oct. 17, 2013

- G. Cevolani. *Truth approximation, belief merging, and peer disagreement*. EPSA13: Fourth Conference of the European Philosophy of Science Association. Helsinki, Aug. 29, 2013
- 2012
- G. Cevolani. *Merging beliefs toward the truth*. SILFS 2012 Mid-term Conference of the Italian Society for Logic and Philosophy of Science. Milan, Nov. 21, 2012
- G. Cevolani and L. Tambolo. *Underdetermination, Realism, and Truth Approximation*. SILFS 2012 Mid-term Conference of the Italian Society for Logic and Philosophy of Science. Milan, Nov. 20, 2012
- G. Cevolani and F. Renar. *Verisimilitude and Abductive Theory Change*. SILFS 2012 Mid-term Conference of the Italian Society for Logic and Philosophy of Science. Milan, Nov. 21, 2012
- G. Cevolani, V. Crupi, and R. Festa. *A Verisimilitudinarian analysis of the Linda paradox*. VII Congress of the Spanish Society of Logic, Methodology and Philosophy of Science. Santiago de Compostela, Spain
- G. Cevolani. *Giochi di proprietà. L'origine e l'evoluzione della proprietà privata nelle versioni recenti della teoria dei giochi*. Terzo convegno scientifico annuale del CIPESS (Centro Interuniversitario di Economia e Psicologia Sperimentali e Simulative). Torino
- G. Cevolani and L. Tambolo. *Underdetermination, realism, and truth approximation*. VII Congress of the Spanish Society of Logic, Methodology and Philosophy of Science. Santiago de Compostela, Spain
- G. Cevolani. *Truth approximation via abductive belief change*. MBR'012 Conference: Model-Based Reasoning in Science and Technology. Theoretical and Cognitive Issues. Sestri Levante, Italy, June 22, 2012
- G. Cevolani. *Partial truth and strongly semantic information*. Trends in Logic XI Conference — Advances in Philosophical Logic. Bochum, June 3, 2012
- G. Cevolani. *Verisimilitude, partial truth, and (strongly) semantic information*. Fourth Workshop on the Philosophy of Information. Hatfield, United Kingdom, May 11, 2012

- 2011 G. Cevolani. *More verisimilar banking: a novel analysis of the Linda paradox*. EPSA11: Third Conference of the European Philosophy of Science Association. Athens, Oct. 7, 2011
- G. Cevolani. *Scientific Progress, Approximate Truth, and Feature Contrast Measures of Verisimilitude*. ECAP 7: Seventh European Congress of Analytic Philosophy. Milano, Sept. 5, 2011
- 2010 G. Cevolani. *Hayek in the lab. Austrian School, game theory, and experimental economics*. SILFS 2010: Italian Society for Logic and Philosophy of Science International Conference. Bergamo, Italy, Dec. 16, 2010
- G. Cevolani. *Contrast measures of similarity and the basic feature approach to verisimilitude*. 9<sup>th</sup> National Conference of the Italian Society for Analytic Philosophy (SIFA): *Truth, Knowledge, and Science*. Padua. Italy, Sept. 25, 2010
- 2009 G. Cevolani, V. Crupi, and R. Festa. *Verisimilitude and belief change for conjunctive theories*. EPSA09: 2<sup>st</sup> Conference of the European Philosophy of Science Association. Amsterdam, Oct. 23, 2009
- 2007 G. Cevolani and F. Calandra. *Belief revision and truth-approximation. Verisimilitude and non-prioritized belief revision*. EPSA 07: 1<sup>st</sup> Conference of the European Philosophy of Science Association. Madrid, Nov. 16, 2007
- G. Cevolani, V. Crupi, and R. Festa. *Probability, verisimilitude and a paradox of conjunction*. SILFS 2007 Conference. Milano, Oct. 9, 2007
- Poster presentations*
- 2018 Gustavo Cevolani. *Rationality as truth approximation*. 2<sup>nd</sup> Research Symposium. Lucca, Nov. 20, 2018
- 2017 Gustavo Cevolani. *Rationality as truth approximation*. LLC Poster Day 2017. Turin, May 26, 2017