

VINCENZO CRUPI

Curriculum Vitae

April 2022

contact: vincenzo.crupi@unito.it

ACADEMIC POSITIONS

- 2019— Full professor of Logic and Philosophy of Science
Department of Philosophy and Education Sciences, University of Turin
- 2014-2019 Associate professor of Logic and Philosophy of Science
Department of Philosophy and Education Sciences, University of Turin
- 2011–2014 Assistant professor of Logic and Philosophy of Science
Department of Philosophy and Education Sciences, University of Turin
- 2011— External member, Munich Center for Mathematical Philosophy, Ludwig Maximilian University
- 2003–2010 Postdoc fellow: Munich Center for Mathematical Philosophy, Ludwig Maximilian University (2010-2011); Department of Critical Care, University of Florence (2009-2010); Department of Arts & Design, University IUAV of Venice (2007-2009); Center for Mind/Brain Sciences (CIMeC), University of Trento (2006-2007); Cognitive Psychology Lab, University of Aix-Marseille (2005-2006); Department of Cognitive Sciences and Education, University of Trento (2003-2005)

OTHER APPOINTMENTS

- 2020— Member of the Steering Committee, PhD Program of the Northwestern Italian Philosophy Consortium (FINO)
- 2019— Member of the Governing Board of the Italian Association of Cognitive Sciences
- 2014–2020 Director of the Center for Logic, Language, and Cognition (LLC), University of Turin

EDUCATION

- 2004 PhD in Philosophy, University of Turin
- 2002 MSc in Philosophy and History of Science, London School of Economics
- 1998 Laurea (MA) in Philosophy, University of Turin

AREAS OF INTEREST

logic and philosophy of science; formal epistemology; judgment and decision making; conditionals

MAIN FUNDED RESEARCH PROJECTS

- 2019–2021 *Logic and cognition: Theory, experiments, and applications* (local PI)
Italian Ministry of University and Scientific Research, PRIN Grant 20173YP4N3 [175.000 EUR]
- 2013–2016 *Structures and dynamics of knowledge and cognition* (national coordinator and PI)
Italian Ministry of University and Scientific Research, FIRB Grant D11J1200047001 [874.000 EUR]
- 2011–2017 *Models of information search: A theoretical and empirical synthesis* (PI)
Deutsche Forschungsgemeinschaft, SPP 1516 (New Frameworks of Rationality), Grant CR 409/1-2
[55.000 EUR]

EDITORIAL ACTIVITY

Associate editor:

- *Ergo: An open access journal of philosophy* (2014-now, for the philosophy of science)
- *European Journal for Philosophy of Science* (2021-now)

Member of the editorial board:

- *Topoi: An international review of philosophy* (from 2011)
- *Rivista di Filosofia* (from 2019)
- *Entropy* (from 2020)
- *Sistemi Intelligenti* (from 2021)

SYMPOSIUM, WORKSHOP, and CONFERENCE ORGANIZATION (10 selected)

Biennial Conference of the European Philosophy of Science Association

University of Turin, 15-18 September 2021 (local organizer, with Jan Sprenger)

Symposium Beyond Adams' Thesis: New Logics for Conditionals

10th European Congress of Analytic Philosophy, Utrecht, 24 August 2020

16th Annual Formal Epistemology Workshop (FEW 2019)

Center for Logic, Language, and Cognition, Turin, 19-21 June 2019 (with Jan Sprenger and Kenny Easwaran)

Models of Explanation

11th MuST (Munich-Sidney-Tilburg/Turin) Conference in Philosophy of Science

Center for Logic, Language, and Cognition, Turin, 11-13 June 2018 (with Jan Sprenger)

Reasoning Club Conference

Center for Logic, Language, and Cognition, Turin, 18-19 May 2017

(with Gustavo Cevolani, Jason Konek, and Paolo Maffezoli)

Symposium Measure Sensitivity in the Study of Reasoning and Cognition

Conference of the European Philosophy of Science Association, Düsseldorf, 23 September 2015

(with Gustavo Cevolani)

Workshop Information, search, and causes: Rational and cognitive approaches

Center for Logic, Language, and Cognition, University of Turin, 6 February 2015

Workshop Operationalization 2013 (Operationalizing Epistemic Concepts)

New Frameworks of Rationality Priority Program, Freiburg, 15-16 October 2013

(with Marco Ragni, Henrik Singmann, and Jan Sprenger)

9th Annual Formal Epistemology Workshop (FEW 2012)

Munich Center for Mathematical Philosophy, Ludwig Maximilian University, 29 May – 1 June 2012

(with Hannes Leitgeb, Florian Steinberger, and Ole Hjortland)

Sixth International Conference on Thinking

Venice, 21-23 August 2008 (member of the local organizing committee)

PUBLICATIONS (selected)

Google Scholar total citations:	1609
h-index:	21
i10-index:	30
Erdős number:	4 (Erdős / E.P. Specker / H. Gaifman / D. Osherson / V. Crupi)

Journal articles (English)

CRUPI V. and IACONA A. (2022). On the logical form of concessive conditionals. *Journal of Philosophical Logic*.

NELSON J.D., ROSENAUER C., CRUPI V., TENTORI K., and MEDER B. (2022). The likelihood difference heuristic and binary test selection given situation-specific utilities. *Decision*.

VINDROLA F. and CRUPI V. (2022). Bayesians too should follow Wason: A comprehensive accuracy-based analysis of the selection task. *British Journal for the Philosophy of Science*.

CRUPI V. and IACONA A. (2022). Three ways of being non-material. *Studia Logica*, 110: 47-93.

RAIDL E., IACONA A., and CRUPI V. (2021). The logic of the evidential conditional. *Review of Symbolic Logic* (doi: 10.1017/s1755020321000071).

CRUPI V. and IACONA A. (2021). Probability, evidential support, and the logic of conditionals. *Argumenta*, 6: 211-222.

CRUPI V. and IACONA A. (2020). The evidential conditional. *Erkenntnis* (doi: 10.1007/s10670-020-00332-2).

ELIA F., VALLELONGA F., and CRUPI V. (2020). Understanding and improving decisions in clinical medicine (V): Jekyll and Hyde, the two faces of clinical reasoning. *Internal and Emergency Medicine*, 15: 1317-1318.

COLOMBO M., LAI J., and CRUPI V. (2019). Sleeping Beauty goes to the lab: The psychology of self-locating evidence. *Review of Philosophy and Psychology*, 10: 173-185.

CRUPI V., ELIA F., APRÀ F., and TENTORI K. (2018). Double conjunction fallacies in physicians' probability judgment. *Medical Decision Making*, 38: 756-760.

TENTORI K., PIGHIN S., DIVAN C., and CRUPI V. (2018). Mind the gap: Physicians' assessment of patients' importance weights in localized prostate cancer. *PLoS ONE*, 13 (7), e0200780.

CRUPI V., NELSON J.D., MEDER B., CEVOLANI G., and TENTORI K. (2018). Generalized information theory meets human cognition: Introducing a unified framework to model uncertainty and information search. *Cognitive Science*, 42: 1410-1456.

ELIA F., PANERO F., CRUPI V., and APRÀ F. (2018). Drama of medical dramas (Letter). *Postgraduate Medical Journal*, 94: 477.

CRUPI V., CALZAVARINI F., ELIA F., and APRÀ F. (2018). Understanding and improving decisions in clinical medicine (IV): Prospects and challenges of nudging in healthcare. *Internal and Emergency Medicine*, 13: 791-793.

- CRUPI V., ELIA F., and APRÀ F. (2018). Understanding and improving decisions in clinical medicine (III): Towards cognitively informed clinical thinking. *Internal and Emergency Medicine*, 13: 449-451.
- ELIA F., APRÀ F., and CRUPI V. (2018). Understanding and improving decisions in clinical medicine (II): Making sense of reasoning in practice. *Internal and Emergency Medicine*, 13: 287-289.
- ELIA F., COVELLA M., PERNA M., APRÀ F., and CRUPI V. (2018). The clinical eye. *Internal and Emergency Medicine*, 13: 213-217.
- CRUPI V. and ELIA F. (2017). Understanding and improving decisions in clinical medicine (I): Reasoning, heuristics, and error. *Internal and Emergency Medicine*, 12: 689-691.
- CRUPI V. and TENTORI K. (2016). Noisy probability judgment, the conjunction fallacy, and rationality: Comment on Costello and Watts (2014). *Psychological Review*, 123: 97-102.
- TENTORI K., CHATER N., and CRUPI V. (2016). Judging the probability of hypotheses vs. the impact of evidence: Which form of inductive inference is more accurate and time-consistent? *Cognitive Science*, 40: 758-778.
- ELIA F., APRÀ F., VERHOVEZ A., and CRUPI V. (2016). First, know thyself: Cognition and error in medicine. *Acta Diabetologica*, 53: 169-175.
- CRUPI V. and TENTORI K. (2014). Measuring information and confirmation. *Studies in the History and Philosophy of Science*, 47: 81-90.
- CRUPI V. and GIROTTO V. (2014). From *is* to *ought*, and back: How normative concerns foster progress in reasoning research. *Frontiers in Psychology*, 5, 219: 1-3.
- CRUPI V. and TENTORI K. (2013). Confirmation as partial entailment: A representation theorem in inductive logic. *Journal of Applied Logic*, 11: 364-372. [Erratum in *Journal of Applied Logic*, 12: 230-231.]
- TENTORI K. and CRUPI V. (2013). Why quantum probability does not explain the conjunction fallacy. *Behavioral and Brain Sciences*, 36: 308-310.
- TENTORI K., CRUPI V., and RUSSO S. (2013). On the determinants of the conjunction fallacy: Probability vs. inductive confirmation. *Journal of Experimental Psychology: General*, 142: 235-255.
- CRUPI V., CHATER N., and TENTORI K. (2013). New axioms for probability and likelihood ratio measures. *British Journal for the Philosophy of Science*, 64: 189-204.
- DUMAS F., GONZALEZ M., GIROTTO V., PASCAL C., BOTTON J.-F., and CRUPI V. (2012). The context of available options affects healthcare decisions: A generalization study. *Medical Decision Making*, 32: 815-819.
- ZHAO J., CRUPI V., TENTORI K., FITELSON B., and OSHERSON D. (2012). Updating: Learning vs. supposing. *Cognition*, 124: 373-378.
- CRUPI V. and TENTORI K. (2012). A second look at the logic of explanatory power (with two novel representation theorems). *Philosophy of Science*, 79: 365-385.
- CRUPI V. (2012). An argument for not equating confirmation and explanatory power. *The Reasoner*, 6 (3): 39-40. [Erratum in *The Reasoner*, 6 (4): 68.]
- TENTORI K. and CRUPI V. (2012). On the conjunction fallacy and the meaning of *and*, yet again: A reply to Hertwig, Benz, and Krauss (2008). *Cognition*, 122: 123-134.
- TENTORI K. and CRUPI V. (2012). How the conjunction fallacy is tied to probabilistic confirmation: Some remarks on Schupbach (2009). *Synthese*, 184: 3-12.
- CEVOLANI G., CRUPI V., and FESTA R. (2011). Verisimilitude and belief change for conjunctive theories. *Erkenntnis*, 75: 183-202.
- MASTROPASQUA T., CRUPI V., and TENTORI K. (2010). Broadening the study of inductive reasoning: Confirmation judgments with uncertain evidence. *Memory & Cognition*, 38: 941-950.

- CRUPI V. and TENTORI K. (2010). Irrelevant conjunction: Statement and solution of a new paradox. *Philosophy of Science*, 77: 1-13.
- TENTORI K., CRUPI V., and OSHERSON D. (2010). Second-order probability affects hypothesis confirmation. *Psychonomic Bulletin and Review*, 17: 129-134.
- CRUPI V., TENTORI K., and LOMBARDI L. (2009). Pseudodiagnosticity revisited. *Psychological Review*, 116: 971-985.
- CRUPI V., FESTA R., and MASTROPASQUA T. (2008). Bayesian confirmation by uncertain evidence: A reply to Huber (2005). *British Journal for the Philosophy of Science*, 59: 201-211.
- CRUPI V., FITELSON B., and TENTORI K. (2008). Probability, confirmation, and the conjunction fallacy. *Thinking and Reasoning*, 14: 182-199.
- TENTORI K., CRUPI V., and OSHERSON D. (2007). Determinants of confirmation. *Psychonomic Bulletin and Review*, 14: 877-883.
- CRUPI V., TENTORI K., and GONZALEZ M. (2007). On Bayesian measures of evidential support: Theoretical and empirical issues. *Philosophy of Science*, 74: 229-252.
- TENTORI K., CRUPI V., BONINI N., and OSHERSON D. (2007). Comparison of confirmation measures. *Cognition*, 103: 107-119.
- CRUPI V. (2007). The sink and the murder scene: Rise and fall of a causal model in AIDS pathogenesis. *Logic & Philosophy of Science*, 5, pp. 9-32.

Abstracts (English)

- NELSON J.D., CRUPI V., MEDER B., CEVOLANI G., and TENTORI K. (2017). A unified model of entropy and the value of information. In G. Gunzelmann, A. Howes, T. Tenbrink, and E.J. Davelaar (eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society*, Cognitive Science Society, Austin (TX), pp. 1459-1460.
- DUMAS F., GONZALEZ M., PASCAL C., GIROTTO V., CRUPI V., and BOTTON J.-F. (2012). Healthcare decisions are context-dependent: Violations of the regularity principle. *International Journal of Psychology*, 47 (Suppl. 1): 129.
- CEVOLANI G., CRUPI V., and FESTA R. (2012). A verisimilitudinarian analysis of the Linda paradox. In C. Martínez Vidal, J.L. Falguera, J.M. Sagüillo, V.M. Verdejo, and M. Pereira-Fariña (eds.), *Proceedings of the Seventh Conference of the Society for Logic, Methodology and Philosophy of Science in Spain*, Universidade de Santiago de Compostela, pp. 366-372.
- COZZI D., SCHIAVETTI A., CECCANTI S., FREDIANI S., MELE E., CRUPI V., and COZZI F. (2010). Decision analysis to compare treatment options for stage I intermediate-risk Wilms' tumor. *Pediatric Blood & Cancer*, 55: 792.
- TENTORI K. and CRUPI V. (2009). Explaining the conjunction fallacy: Probability vs. confirmation. In N. Taatgen and H. van Rijn (eds.), *Proceedings of the 31st Annual Conference of the Cognitive Science Society*, Vrije Universiteit, Amsterdam, p. 254.

Book chapters (English)

- MEDER B., CRUPI V., and NELSON J.D. (2022). What makes a good query? In I. Cogliati Dezza, E. Schulz, and C.M. Wu (eds.), *The Drive for Knowledge: The Science of Human Information-Seeking*, Cambridge University Press, pp. 101-123.

- CRUPI V. (2020). Knowledge, cognition, and science communication. In V. Guarneri (ed.), *Picturing the Communication of Science*, Torino, pp. 47-60 (http://www.vincenzocrupi.com/website/wp-content/uploads/2020/12/Crupi2020_PICSeng.pdf).
- CRUPI V. (2019). Measures of biological diversity: Overview and unified framework. In E. Casetta, J. Marques da Silva, and D. Vecchi (eds.), *From Assessing to Conserving Biodiversity*, Springer, pp. 123-136.
- CRUPI V. (2017). Generalized confirmation and relevance measures. In J.-W. Romeijn, M. Massimi, and G. Schurz (eds.), *Proceedings from EPSA15* (2015 Conference of the European Philosophy of Science Association), Springer, Berlin, pp. 285-296.
- CEVOLANI G. and CRUPI V. (2015). Subtleties of naïve reasoning: Probability, confirmation, and verisimilitude in the Linda paradox. In M. Bianca and P. Piccari (eds.), *Epistemology of Ordinary Knowledge*, Cambridge Scholars, pp. 211-230.
- CEVOLANI G., CRUPI V., and FESTA R. (2010). The whole truth about Linda: Probability, verisimilitude, And a paradox of conjunction. In M. D'Agostino, G. Giorello, F. Laudisa, T. Pievani, and C. Sinigaglia (eds.), *New Trends in Logic and Philosophy of Science*, College, London, pp. 603-615.
- CRUPI V. and HARTMANN S. (2010). Formal and empirical methods in philosophy of science. In F. Stadler (ed.), *The Present Situation in the Philosophy of Science*, Springer, Berlin, pp. 87-98.
- CRUPI V., FESTA R., and BUTTASI C. (2010). Towards a grammar of Bayesian confirmation. In M. Suárez, M. Dorato, and M. Rèdei (eds.), *Epistemology and Methodology of Science*, Springer, Berlin, pp. 73-93.

Invited survey papers, chapters, and encyclopedia entries (English)

- CRUPI V. and TENTORI K. (2016). Confirmation theory. In A. Hájek and C. Hitchcock (eds.), *Oxford Handbook of Philosophy and Probability*, OUP, pp. 650-665.
- CRUPI V. (2015). Inductive logic. *Journal of Philosophical Logic*, 44 (The Fortieth Anniversary Issue): 641-650.
- CRUPI V. (2013/2021). Confirmation. In E. Zalta (ed.), *Stanford Encyclopedia of Philosophy* (<https://plato.stanford.edu/entries/confirmation/>)

Books (Italian)

- CRUPI V., GENSINI G.F., and MOTTERLINI M. (eds.) (2006). *La dimensione cognitiva dell'errore in medicina*. Franco Angeli, Milano.
- MOTTERLINI M. and CRUPI V. (2005). *Decisioni mediche. Un punto di vista cognitivo*. Raffaello Cortina, Milano.
- CRUPI V. (2002). *Presupporre e interpretare*. Vivarium (Istituto Italiano di Studi Filosofici), Napoli.

Articles (Italian)

- CALZAVARINI F., ELIA F., APRÀ F., and CRUPI V. (2020). Decisioni, euristiche e spinte gentili in ambito sanitario. Il caso del lavaggio mani. *Sistemi Intelligenti*, 33: 73-88.
- CEVOLANI G. and CRUPI V. (2017). Come ragionano I giudici: Razionalità, euristiche e illusioni cognitive. *Criminalia: Annuario di scienze penalistiche*: 181-208.
- CRUPI V. and FESTA R. (2009). Dai giochi d'azzardo ai test diagnostici: la teoria della decisione nella medicina clinica. *Logic & Philosophy of Science*, 7 (special issue, Rationality in Medicine): 69-94.

- FESTA R., CRUPI V., and GIARETTA P. (2009). Deduzione, induzione e abduzione nelle scienze mediche. *Logic & Philosophy of Science*, 7 (special issue, Rationality in Medicine): 41-68.
- CRUPI V. (2008). Errore, decisione e razionalità in medicina. *L'arco di Giano*, 55: 29-41.
- CRUPI V. (2008). Dal linguaggio al dialogo: due ipotesi sull'interpretazione. *Tropos* (special issue): 39-54.
- CRUPI V. (2005). Aspetti cognitivi della razionalità medica: dall'evidenza alla decisione. *Nuova civiltà delle macchine*, 23 (4) (special issue: Uncertainty and Method in Medicine): 59-68.
- CRUPI V. (2003). L'interpretazione in discussione (I): Universalità e linguisticità nell'ermeneutica filosofica. *Iride*, 16: 493-510.
- CRUPI V. (2002). L'interpretazione in discussione (II): Una rassegna e una valutazione di alcuni argomenti contro l'ermeneutica filosofica. *Fenomenologia e società*, 25 (2): 123-147.
- CRUPI V. (2002). Ancora Duhem e Quine. L'olismo epistemologico e la complessità del ragionamento scientifico. *Epistemologia*, 25: 5-38.
- CRUPI V. (2000). Epistemologia del caso-Aids: un case-study per la metodologia dei programmi di ricerca scientifici. *Epistemologia*, 23: 243-280.
- CRUPI V. (2000). Tematizzazione e matematizzazione. Note sulla filosofia della scienza di Heidegger (1925-1938). *Filosofia*, 51: 251-275.
- CRUPI V. (1999). Scienza, ontologia, metafisica. Heidegger e I nomi della filosofia. *Iride*, 12: 627-644.
- CRUPI V. (1999). Hempel vs. Lakatos: la metodologia dei programmi di ricerca scientifici e il problema dei presupposti. *Epistemologia*, 22: 189-222.

Book chapters (Italian)

- CRUPI V. (2020). R. Carnap, *La costruzione logica del mondo*. In G. Bonino, C. Gabbani, and P. Tripodi (eds.) *Biblioteca analitica: I testi fondamentali*. Carocci, Roma, pp. 79-89.
- CRUPI V. (2019). Cognizione, conoscenza e comunicazione della scienza. In V. Guarneri (ed.), *Picturing the Communication of Science*, Torino, pp. 47-60.
- CRUPI V. (2019). Cognizione, conoscenza e comunicazione della scienza. *Picturing the Communication of Science*, pp. 47-60 (http://www.follediscienza.it/wp-content/uploads/2019/10/Pubblicazione_finale_online_1-1.pdf).
- CRUPI V. (2016). Razionalità, ragionamento e cognizione. In M. Dell'Utri and M. Rainone (eds.), *I modi della razionalità*, Mimesis, pp. 81-98.
- CRUPI V. and TENTORI K. (2013). Il ragionamento induttivo. In V. Girotto (ed.), *Introduzione alla psicologia del pensiero*, Il Mulino, Bologna, pp. 13-40.
- CRUPI V. and FESTA R. (2010). La decisione nella medicina clinica. In A. Pagnini (ed.), *Filosofia della medicina*, Carocci, Roma, pp. 289-311.
- FESTA R., CRUPI V., and GIARETTA P. (2010). Forme di ragionamento e valutazione delle ipotesi nelle scienze mediche. In A. Pagnini (ed.), *Filosofia della medicina*, Carocci, Roma, pp. 117-140.
- FESTA R., BUTTASI C., and CRUPI V. (2009). Evidenza incerta e probabilità delle diagnosi: estensioni dell'approccio bayesiano alla pratica clinica. In P. Giaretta, A. Moretto, G.F. Gensini, and M. Trabucchi (eds.), *Filosofia della medicina*, Il Mulino, Bologna, pp. 565-609.
- CRUPI V. (2007). I processi decisionali in contesti di emergenza e urgenza. In G. Trabucco and F. Buonocore (eds.) *Pronto soccorso. Triage*, Libreria Cortina, Verona, pp. 89-101.

INVITED TALKS

77. *A critique of pure Bayesian cognitive science*. Workshop *Bayesianism and its rivals*, Harvard / Northeastern University, Boston, of Trieste, 11-12 March 2022.
76. *Evidential conditionals* (online talk). Prolog Conference 2021, Munich Center for Mathematical Philosophy, 1 September 2021. <https://www.youtube.com/watch?v=XeSjw4PeREw>
75. *Generalized entropies, uncertainty, and evidence* (online lecture). Prolog 2021 Summer School, Munich Center for Mathematical Philosophy, 31 August 2021. <https://www.youtube.com/watch?v=XeSjw4PeREw>
74. *Wason and the ravens: A comprehensive accuracy-based analysis*. Workshop *Scientific models and scientific inference*, Castelveccana, 8 July 2021.
73. *Evidential conditionals* (online seminar). LOGOS Colloquium, Barcelona, 24 March 2021.
72. *Il ragionamento clinico in tempi di pandemia* (with F. Elia). X Interregional Congress of the Italian Society of Internal Medicine (SIMI) (Piemonte / Liguria / Val d'Aosta section) (online conference), 26 November 2020.
71. *Una critica della scienza cognitiva bayesiana pura* (online seminar). Department of Literature, Philosophy, and Communication, University of Bergamo, 27 October 2020.
70. *Euristiche, bias, e "spinte gentili"* (with G. Cevolani). Nudge Day #2 – Scienze comportamentali, complessità e spinte gentili: esperienze e opportunità (online conference), ARS Toscana, 21 October 2020.
69. *From scoring rules to the value of evidence* (lecture series). Perspectives on Scientific Error #4, Castelveccana, 16-17 July 2020.
68. *The logic, semantics, and psychology of evidential conditionals* (online seminar). Linguae seminar series, Institut Jean Nicod, 19 March 2020.
67. *Rationality and reasoning research: A guide for the perplexed*. 16th Annual Conference of the Italian Association for Cognitive Sciences (AISC), Roma, 13 December 2019.
66. *Three ways of being non-material* (with A. Iacona). 5th Workshop on Connexive Logics, Ruhr University, Bochum, 29 November 2019.
65. *A critique of pure Bayesian cognitive science*. Workshop *Rationality, Logic, and Scientific Realism*, University of Trieste, 18 October 2019.
64. *A critique of pure Bayesian cognitive science*. Workshop *Bayesians: Current Topics in Cognitive Science*, Ruhr University, Bochum, 10 October 2019.
63. *Errori cognitivi in medicina*. Scuola di Alta Formazione sul Ragionamento Clinico in Era Digitale, Collegio San Tommaso, Bologna, 17 September 2019.
62. *Rationality debates in contemporary cognitive science* (lecture series). 26th International Summer School in Cognitive Science, New Bulgarian University, Sofia, 8-12 July 2019.
61. *Nudge in sanità: come migliorare le scelte e orientare i comportamenti* (with F. Elia and F. Calzavarini). Nudge Day #1 – Scienze comportamentali, complessità e spinte gentili: gli orizzonti nudge per la sanità, ARS Toscana, Firenze, 15 maggio 2019.
60. *Nudge in medicina: opportunità e problemi aperti* (with F. Elia). Policlinico, Milano, 3 April 2019.
59. *Come pensano i "dottori": ragionamento e decisione nella medicina clinica*. Polo Universitario ASST Fatebenefratelli-Sacco, Milano, 29 March 2019.
58. *Three ways of being non-material* (with A. Iacona). Third Workshop of the European Non-Categorical Thinking Project, Cambridge (UK), 25 March 2019.

57. *Rationality and reasoning research: A guide for the perplexed*. Workshop *Probability and Rational Inference in Economics and Psychology*, University of Milan, 22 March 2019.
56. *Errare è umano: perché è necessario ripensare l'errore in medicina* (with F. Elia). IX Interregional Congress of the Italian Society of Internal Medicine (SIMI) (Piemonte / Liguria / Val d'Aosta section), Rapallo, 15 March 2019.
55. *Theory-choice in logic: A view from philosophy of science*. Joint IUSS / Bergen / Cogito Conference *Anti-Exceptionalism and Pluralism: From Logics to Mathematics*, Pavia, 8 March 2019.
54. *Il ragionamento clinico*. X Giornate Piemontesi di Medicina Clinica, Cuneo, 12 October 2018.
53. *Beyond Shannon: Generalized entropies and rational inquiry*. Workshop *Bayes by the Sea: Formal Epistemology, Statistics, and Probability*, Università Politecnica delle Marche, Ancona, 13 September 2018.
52. *The logic of evidential conditionals*. Workshop *New Perspectives on Conditionals and Reasoning*, Regensburg, 5 September 2018.
51. *Rationality and reasoning: A guide for the perplexed*. 2nd Conference of the East European Network for Philosophy of Science (EENPS), Comenius University, Bratislava, 20 June 2018.
50. *One, but not the same: Probabilistic confirmation vs. explanatory power*. Conference *Explanatory Power*, University of Geneva, 15 June 2018.
49. *Risk literacy vs. nudging in medicina* (with F. Elia). VIII Interregional Congress of the Italian Society of Internal Medicine (SIMI) (Piemonte / Liguria / Val d'Aosta section), Rapallo, 10 March 2018.
48. *La "nudge revolution" in medicina interna*. IX Giornate Piemontesi di Medicina Clinica, Cuneo, 28 September 2017.
47. *Clinical reasoning in internal medicine* (with F. Elia). 2nd Spring Congress, Swiss Society of General Internal Medicine, Losanna, 5 May 2017.
46. *La "nudge revolution" in medicina: opportunità e problemi aperti* (with F. Elia). VII Interregional Congress of the Italian Society of Internal Medicine (SIMI) (Piemonte / Liguria / Val d'Aosta section), Rapallo, 11 March 2017.
45. *Rationality and reasoning: A guide for the perplexed*. COGITO Centre Seminar, Bologna, 25 January 2017.
44. *Rationality and reasoning: A guide for the perplexed*. IUSS Open Seminar, Center for Neurocognition, Epistemology, and Theoretical Syntax, Pavia, 24 January 2017.
43. *Rationality and reasoning: A guide for the perplexed*. Workshop *The Relevance of Logic for Human Reasoning* Munich Center for Mathematical Philosophy, Munich, 18 November 2016.
42. *L'errore in medicina*. VIII Giornate Piemontesi di Medicina Clinica, Cuneo, 6 October 2016.
41. *Varieties of uncertainty: The case to go beyond Shannon entropy (and Kullback-Leibler)*. Conference *Realism, Progress, and Cognitive Values*, University of Trieste, 30 September 2016.
40. *Norms vs. evidence in reasoning research* (lecture series). International Rationality Summer Institute, Aurich (Germany), 5-8 September 2016.
39. *Red pill or blue pill? Clinical decision making in internal medicine* (with F. Elia). 15th European Congress of Internal Medicine, Amsterdam, 3 September 2016.
38. *From is to ought, and back: The role of normative concerns in reasoning research*. Conference in honor of Vittorio Giretto, University College London, 28 July 2016.
37. *Razionalità e ragionamento in medicina*. Policlinico, Milan, 19 April, 2016.

36. *Errore e organizzazione: perché sbagliamo?* Regional Congress of the Italian Society of Emergency Medicine (SIMEU), Casale Monferrato, 4 March 2016.
35. *Gini vs. Shannon: The case for quadratic entropy in formal philosophy of science.* Entropy Workshop, Ludwigsburg, 16 February 2016.
34. *Razionalità, cognizione ed evidenza in medicina clinica.* Conference *Filosofia e medicina*, University of Turin, Circolo dei Lettori, 22 January 2016.
33. *A logic of inductive conditionals: Why we need it and how to get it.* First Workshop of the European Non-Categorical Thinking Project, Leeds, 20 January 2016.
32. *Gini vs. Shannon: The case for quadratic entropy in formal philosophy of science.* Seminar Series, Munich Center for Mathematical Philosophy, Ludwig Maximilian University, Munich, 26 November 2015.
31. *Limiti del ragionamento clinico* (with F. Elia). 116th National Congress of the Italian Society of Internal Medicine, Rome, 12 October 2015.
30. *Judgments of conditional probability vs. evidential support: An experimental comparison in accuracy and time-consistency.* Bridges 2 Workshop, Rutgers Philosophy Department, 20 September 2015.
29. *One, but not the same: Bayesian confirmation theories and their implications.* PhD Seminar Series, University of Rome TRE, Rome, 13 May 2015.
28. *Il ragionamento nella diagnosi.* Workshop *Le ragioni degli esami: aspetti filosofici e psicologici della diagnostica per immagini*, Bertinoro, 24 April 2015.
27. *Likelihood principles and the grammar of Bayesian confirmation* (with G. Cevolani and R. Festa). Conference *Model Selection: Ockham's Razors and Related Issues*, Padova, 15 April 2015.
26. *Indicative conditionals and probabilistic support.* Workshop *Reasoning and Making Decisions*, Ludwigsburg, 17 November 2014.
25. *Il modello cognitivista dell'errore in medicina* (with G. Cevolani). IX National Congress of the Italian Society of Emergency Medicine, Turin, 7 November 2014.
24. *Models of rationality and the psychology of reasoning: From is to ought, and back.* Seminar Series of the Munich Center for Mathematical Philosophy, Ludwig Maximilian University, Munich, 16 April 2014. (video: <https://www.youtube.com/watch?v=sL5LkYOzO1M&t=3s>)
23. *The logic and psychology of evidential support.* Logic and Philosophy of Science Seminar, Florence, 7 March 2014.
22. *Come pensano i "dottori": gli errori del ragionamento clinico* (with F. Elia). Italian Society of Internal Medicine Conference of the Piemonte–Liguria–Valle d'Aosta Section, Turin, 28 November 2013.
21. *Errori, euristiche e probabilità: quanto è ingenuo il ragionamento ingenuo?* Conference *Epistemology of Ordinary Knowledge*, University of Siena, Arezzo, 9 October 2013.
20. *Probability, confirmation, and the conjunction fallacy: Theoretical and experimental advances.* Theoretical Philosophy Colloquium, Heinrich Heine University, Düsseldorf, 11 December 2012.
19. *Formal epistemological explication: News for the Bayesian agenda.* Workshop *Realism, Antirealism, and the Aims of Science*, University of Trieste, 30 June 2012.
18. *Formal epistemological explication: News for the Bayesian agenda.* Formal Epistemology Group, University of Konstanz, 19 March 2012.
17. *Formal epistemological explication: News for the Bayesian agenda.* Workshop *Bayesian methods in philosophy*, Munich Center for Mathematical Philosophy, Ludwig Maximilian University, Munich, 15 June, 2011.

16. *Subtleties of information search: The pseudodiagnosticity case*. Seminar, Cognitive Psychology Lab, University of Aix-Marseille, Marseille, 15 June 2010.
15. *Decisione, rischio ed errore: Implicazioni per la medicina d'urgenza*. Seminar, Department of Intensive Care, EOC (Switzerland), Mendrisio, 29 April 2010.
14. *Subtleties of human inductive reasoning: Probability, confirmation, and information search*. Seminar, Adaptive Behavior and Cognition Group, Max Planck Institute for Human Development, Berlin, 24 February 2010.
13. *Confirmation, verisimilitude, and a paradox of conjunction*, Workshop *Probability, Confirmation, and Verisimilitude*. Department of Philosophy, University of Trieste, Trieste, 12 September 2009.
12. *Rationality and reasoning: Bayesian perspectives on human behavior*. Seminar, Center for the History and Methods of Political Economics, University of Turin, Turin, 27 March 2009.
11. *Inductive reasoning in human cognition*. Conference *The Psychology of Argumentation and Inductive Reasoning* Tilburg University, Tilburg, 21 November 2008.
10. *The diagnosticity of evidence and the pseudoevidence for pseudodiagnosticity*. Seminar, Center for Mind/Brain Sciences (CIMEC), University of Trento, Rovereto, 16 April 2008.
9. *The diagnosticity of evidence and the pseudoevidence for pseudodiagnosticity*. Workshop *Probability, Confirmation, and Fallacies*, Center for Logic and Analytic Philosophy, University of Leuven, Leuven, 5 April 2008.
8. *Quali vincoli cognitivi possono influenzare le decisioni mediche?* Workshop *Psychology and Medical Decision Making*, Annual Conference of the Italian Psychological Association, Como, 16 September 2007.
7. *Errore cognitivo ed errore diagnostico*. Advanced School for Healthcare Executives, Lombardy Regional Institute for Education in Public Administration, Milan, 14 May 2007.
6. *Evidenza incerta e valutazione probabilistica delle diagnosi* (with R. Festa and C. Buttasi). Conference *Filosofia della medicina: Ontologia, modelli, metodo clinico, metodiche ed errori*, Verona, 10 February 2007.
5. *Bayesian confirmation theory as inductive logic: Principles and applications*. Workshop *The Cognitive Structure of Uncertainty and Scientific Inquiry*, Department of Philosophy, University of Trieste, Trieste, 27 January 2007.
4. *La dimensione cognitiva dell'errore in medicina*. Conference *The oncology specialist*, Italian National Institute for Cancer Research and Italian Association of Medical Oncology, Milan, 23 October 2006.
3. *Trappole cognitive nel processo decisionale*. Annual Conference of the Italian Association for Non-Invasive Diagnostics in Dermatology, Palermo, 24 June 2005.
2. *On Bayesian measures of evidential support*. Programme *Evidence, Inference, and Inquiry*, Department of Statistical Science, UCL, London, 27 May 2005.
1. *The Aids-debate as a case-study: Causation, theory-choice, and heresy*. Research seminar for the philosophy of the natural sciences, Department of Logic, Philosophy, and Scientific Method, LSE London, 27 February 2002.

INTERVIEWS, PUBLIC EVENTS, and OUTREACH

Radio interview: *Scienza e incertezza*, Eulero series, Radio Banda Larga, 11 February 2022

audio: <https://rbl.media/it/programs/eulero/>

Radio Tre Scienza, 4 February 2022, "Così è se vi pare"

audio: <https://www.raiplaysound.it/audio/2022/02/Radio3-scienza-del-04022022-190a2eb4-bca8-4329-960b-0a76970c1f1d.html>

Conference *Galileo uno di noi: un esperimento fra storia, scienza e letteratura*
Settimana dell'otium, Liceo Baldessano-Roccati (Carmagnola), 3 February 2022

Radio Tre Scienza, 3 September 2021, "Incertezze, imprevisti e probabilità"
audio: <https://www.raiplayradio.it/audio/2021/08/Incertezze-impredisti-e-probabilit-28bbab82-0c8e-4727-9d62-821ef6834677.html>

Panel discussion (online) *La scienza cambiata dalle macchine*
GiovedìScienza, 20 January 2022
video: <https://www.giovediscienza.it/it/appuntamenti/531-la-scienza-cambiata-dalle-macchine>

Public lecture: *Diagnosi e sentenze: viaggio fra i bias cognitivi* (with G. Cevolani)
Festival della Scienza, Genova, 26 October 2021

Public lecture: *Diagnosi e sentenze: viaggio fra i bias cognitivi* (with G. Cevolani)
CICAP Fest 2021, Padova, 5 September 2021

Panel discussion: *La bufala viaggia sui social: ma è davvero così?*
CICAP Fest 2021, Padova, 5 September 2021

Panel discussion (online) *Philosophical aspects of non-classical logics*
LogicMX, 5 July 2021
video: <https://www.youtube.com/watch?v=0xDTjUeT8LY>

Review: *Perché fidarsi della scienza*, di Naomi Oreskes
Query, 45 (2021)
<https://www.cicap.org/n/articolo.php?id=1800689>

Panel discussion (online): *L'incerto e il disinformato: due tipi psicologici di fronte alle decisioni in tempo di pandemia (e non solo)* – Festival della complessità 2021, 27 May 2021
video: <https://www.youtube.com/watch?v=8t3Mu9eINc4>

Panel discussion (online): *Che cosa è fake e cosa no: il difficile confine tra verità e disinformazione nell'informazione scientifica* – UNIVERSITIAMO, Università di Pavia, 11 March 2021
video: <https://www.youtube.com/watch?v=Z03O1NlryW0>

Podcast: *Probabile / possibile*
Incerto series, by Filtri, 3 February 2021
audio: https://www.filtri.xyz/2021/02/03/incerto-3-probabile-possibile/?fbclid=IwAR27OR02aeqwPiVG60s0qdtDcjFp00VbKevLx_qKCoyKiwDVLTYeG6IjROE (from 14:00)

Lecture (online): *Filosofia e scienza dello spirito critico*
Corso per indagatori di misteri 2021, CICAP, 31 January 2021
(program: <https://www.cicap.org/corso/2021>)

Short video: *Pianeta nove, ultima chiamata!*
joint project with [TAXI 1729](https://www.youtube.com/watch?v=Ry6ZTj7aMsw), 19 December 2020 (released)
video: <https://www.youtube.com/watch?v=Ry6ZTj7aMsw>

Interview for the European Researchers' Night / Sharper
Polytechnic of Turin, 27 November 2020 (joint initiative with Turin International Book Fair)
video: <https://www.youtube.com/watch?v=joWD8WeyT4w> (from 19:45)

Panel discussion: *Quali confini nel nuovo mondo?*
Visionary Days 2020, Officine Grandi Riparazioni, Turin, 21 November 2020
video: <https://www.youtube.com/watch?v=I36HFPTs84s> (from 2:10:30)

Panel discussion (online): *Setacci di verità – Può l'intelligenza artificiale aiutarci a combattere le fake news?*
CICAP Fest 2020, 11 October 2020

video: <https://www.youtube.com/watch?v=oP07F6Cvelk>

Radio interview: *Razionalità e irrazionalità*, Eulero series, Radio Banda Larga, 29 May 2020

audio: <https://www.mixcloud.com/radiobandalarga/eulero-29th-may-2020/>

Panel discussion (online): *LOGOS – La sottile linea fra pensiero e parola*
CICAP Live series, 13 May 2020

video: https://www.youtube.com/watch?v=viHDhcTL_lg

Lecture: *Lo spirito critico nell'epoca della post-verità*

Corso per indagatori di misteri 2020, CICAP, Bologna, 9 May 2020

program: <https://www.cicap.org/corso/2020/>

Short video lecture: *Sulle tracce della scienza antica: Terra e Sole prima e dopo Platone*

Philosophy Bites series (by Ancient Philosophy group, University of Turin, led by Prof. Francesco Petrucci)
11 April 2020 (released)

video: <https://www.youtube.com/watch?v=x5jEdnwHri0>

Interview: *Guerra e pace: il difficile rapporto tra scienza e filosofia*, Query, 11 July 2019

text: <https://www.queryonline.it/2019/04/17/guerra-e-pace-il-difficile-rapporto-tra-scienza-e-filosofia/>

Lecture: *Lo spirito critico nell'epoca della post-verità*

Corso per indagatori di misteri 2019, CICAP, Roma, 12 January 2019

(program: <https://www.cicap.org/corso/2019/>)

Closing lecture, *Folle di scienza 2018* (Science Communication Festival). Strambino, 7 October 2018

(program: <http://www.follediscienza.it/2018/10/01/folle-di-scienza-il-programma-2018/>)

Interview: *Le trappole che mandano in tilt i medici* (with F. Elia), *La Stampa (TuttoSalute)*, 12 June 2018

Public lecture: *Vietato sbagliare? L'errore nella scienza e nella medicina* (with F. Aprà and F. Elia)

Le settimane della scienza 2018. S. Giovanni Bosco Hospital, Turin, 8 June 2018

video: https://www.youtube.com/watch?v=KFNpW_5lctk

Podcast: *Dica 33* (with F. Elia), *Numeri – La serie*, by Filtri, Turin, 25 May 2018

audio: <http://www.filtri.xyz/2018/05/25/dica-33-numeri-8-con-vincenzo-crupi-e-fabrizio-elia/>

Lecture: *Gestire la complessità* (with F. Aprà and F. Elia), *Folle di scienza 2017* (Science Communication Festival)

Strambino, 21 October 2017 (program: <http://www.follediscienza.it/folle-di-scienza-il-programma/>)

Public lecture: *Probabilità, rischio e decisione in medicina. Probabilità, rischio e previsione: Per la costruzione di una cultura dell'incertezza*, Gran Sasso Science Institute, L'Aquila, 3 May 2017

video: <https://www.youtube.com/watch?v=9KmEQ0Avc00&t=399s>

Public lecture: *Vietato sbagliare? Come si decide in medicina d'urgenza* (with F. Aprà and F. Elia)

Biennale Democrazia 2017, Accademia delle Scienze, 2 April 2017

video: <https://www.youtube.com/watch?v=JzXnMBpdae0>

Public lecture: *Non conviene, ma lo faccio: Matematica, incertezza e trappole nel gioco d'azzardo*

(with P. Canova and D. Rizzuto). *Settimane del Cervello 2015*, Turin, Circolo dei Lettori, 21 March 2015

Interview with Vincenzo Crupi, *The Reasoner*, 7 (10), 2013: 115-117 (<http://www.thereasoner.org/>)

Interview: *Gli errori cognitivi in medicina*, *Medical Humanities*, 5 (17), 2011: 101-105