

# VINCENZO CRUPI

## Curriculum Vitae

July 2019

contact: vincenzo.crupi@unito.it

### **ACADEMIC POSITIONS**

- 2014— Director of the Center for Logic, Language, and Cognition (LLC), University of Turin
- 2014— 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
- 2010–2011 Postdoc fellow, Munich Center for Mathematical Philosophy, Ludwig Maximilian University
- 2009–2010 Temporary research associate, Department of Critical Care, University of Florence
- 2007–2009 Postdoc fellow, Department of Arts & Design, University IUAV of Venice
- 2006–2007 Postdoc fellow, Center for Mind/Brain Sciences (CIMEC), University of Trento
- 2005–2006 Post-doc fellow, Cognitive Psychology Lab, University of Aix-Marseille
- 2003–2005 Postdoc fellow, Department of Cognitive Sciences and Education, University of Trento

### **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)
- 2013–2016 *Structures and dynamics of knowledge and cognition* (national coordinator and PI)  
Italian Ministry of University and Scientific Research, FIRB Grant D11J1200047001
- 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
- 2009–2011 *Inductive reasoning: Models, behavior, and applications* (coauthor)  
Italian Ministry of University and Scientific Research, PRIN Grant 20083NAH2L\_001

- 2009–2012 *Bayesian confirmation and statistical inference* (coauthor)  
Spanish Department of Science and Innovation, Grant FFI2008-01169/FISO
- 2006–2009 *Nell'interesse del malato* (coauthor)  
Trentino University Foundation (1 PhD scholarship funded)
- 2006–2008 *Inductive reasoning: Models, processes, and applications* (PI)  
Center for Mind/Brain Sciences (University of Trento), Grant 40101048

### **PRIZES, HONORS, and AWARDS**

- 2009 Alberto Mazzocco Prize, University of Padua & Italian Psychological Association (AIP)  
Best AIP Conference communication in the Psychology of thinking
- 2002 MSc Imre Lakatos Prize, London School of Economics  
Best MSc dissertation in Philosophy and History of Science
- 2001 AHRB Award, UK Arts and Humanities Research Board  
Funding for attendance of the LSE MSc program
- 2001 Corrado Corradino Prize, University of Turin
- 1998 Best graduation thesis in Philosophy, University of Turin

### **EDITORIAL and REVIEWING ACTIVITY**

Section editor for the philosophy of science

- *Ergo: An open access journal of philosophy*

Member of the editorial board

- *Topoi: An international review of philosophy*
- *Rivista di Filosofia*

Reviewer for academic journals (selected)

*British Journal for the Philosophy of Science\**; *Philosophy of Science\**; *European Journal of Philosophy of Science*; *Synthese\**; *Erkenntnis*; *Review of Symbolic Logic*; *Journal of Philosophical Logic\**; *Journal of Applied Logic*; *Dialectica*; *Analysis*; *Philosophical Studies*; *Journal of Philosophical Research*; *Philosophers' Imprint*; *Philosophy Compass*; *European Journal of Philosophy*; *Theoria* (Spain); *TOPOI*; *Cognition\**; *Psychological Review\**; *Frontiers in Psychology\**; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Psychonomic Bulletin and Review*; *Cognitive Science*; *Topics in Cognitive Science*; *Journal of Memory and Language*; *Journal of Medicine and Philosophy*, *Medical Decision Making* (\* = 5 reports or more)

Reviewer for funding agencies

- Italian Ministry of University and Scientific Research  
(PRIN funding 2012 call for proposals; National assessment of the quality of research 2004–2010, 2010-2014)
- European Research Council (ERC Starting Grant 2014, ERC Advanced 2018, Marie Skłodowska-Curie 2019)
- Netherlands Organization for Scientific Research (Veni program 2014)
- French CNRS (A\*Midex project 2013, Initiative d'excellence Aix-Marseille)

## **SYMPOSIUM, WORKSHOP, and CONFERENCE ORGANIZATION**

### **Organizer**

- 16th Annual Formal Epistemology Workshop* (FEW 2019). Center for Logic, Language, and Cognition, Turin, 19-21 June 2019 (with Jan Sprenger and Kenny Easwaran).
- Fiction and Imagination as Grounds for Counterfactual Reasoning, Scientific Modeling, and Thought Experiments*. FINO PhD Program Graduate Conference / SIFA Midterm Conference, Center for Logic, Language, and Cognition, Turin, 17-18 June 2019 (member of the organizing committee).
- New Perspectives on the Cognitive Penetrability of Perception*. Center for Logic, Language, and Cognition, Turin, 10-11 December 2018 (jointly organized with the Emmy Noether Research Group at the Ruhr-University Bochum).
- Models of Explanation*. 11<sup>th</sup> MuST (Munich-Sidney-Tilburg/Turin) Conference in Philosophy of Science, Center for Logic, Language, and Cognition, Turin, 11-13 June 2018 (with Jan Sprenger).
- Foundational Issues in Philosophical Semantics*. TOPOI Conference 2018, Center for Logic, Language, and Cognition, Turin, 31 May – 1 June 2018 (with Carlotta Pavese and Andrea Iacona).
- Reasoning Club Conference. Center for Logic, Language, and Cognition, Turin, 18-19 May 2017 (with Gustavo Cevolani, Jason Konek, and Paolo Maffezoli).
- Second Workshop of the European Non-Categorical Thinking Project*. Center for Logic, Language, and Cognition, University of Turin, 22 September 2016 (with Andrea Iacona).
- Workshop Categorization, Language, and Inductive Learning: Theoretical and Experimental Perspectives*. Center for Logic Language and Cognition, University of Turin, 10 March 2016 (with Valentina Gliozzi).
- 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).
- Symposium Measure Sensitivity and Robust Model-Based Argumentation in the Study of Reasoning and Cognition*. Seventh International Conference on Model-Based Reasoning, Sestri Levante, 26 June 2015 (with Gustavo Cevolani and Roberto Festa).
- Workshop Information, search, and causes: Rational and cognitive approaches*. Center for Logic, Language, and Cognition, University of Turin, 6 February 2015.
- Workshop Structures and Dynamics of Knowledge and Cognition*. University of Turin, 15 May 2014 (with Gustavo Cevolani).
- Workshop Operationalization 2013*. New Frameworks of Rationality Priority Program, Freiburg, 15-16 October 2013 (with Marco Ragni, Henrik Singmann, and Jan Sprenger).
- Workshop The logic and psychology of confirmation and information search*. Munich Center for Mathematical Philosophy, Ludwig Maximilian University, 26 February 2013.
- Workshop Operationalizing Epistemic Concepts*. New Frameworks of Rationality Priority Program, Aachen, 11-12 September, 2012 (with 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).
- Workshop The Cognitive Science of Induction and Confirmation*. Venice, 20 August, 2008 (with Nick Chater).

### **Member of the scientific committee**

3<sup>rd</sup> Biannual Conference of the East European Network for Philosophy of Science. University of Belgrade, 10-12 June 2020.

9<sup>th</sup> Conference of the Spanish Society for Analytic Philosophy, University of Valencia. 21-23 November 2019.

*From brain to behavior: Neuroscience and the social sciences*. Midterm Conference 2019 of the Italian Association of Cognitive Science (AISC), IMT School of Advanced Studies, Lucca, 22-24 May 2019.

*Biases in Science*. Munich Center for Mathematical Philosophy, Ludwig Maximilian University, Munich, 10-12 April 2019.

*Kinds of Reasoning*. FINO PhD Program Graduate Conference, University of Eastern Piedmont, 3-4 September 2018.

*Levels of Cognition*. Midterm Conference 2018 of the Italian Association of Cognitive Science (AISC), University of Genova, 25-27 June 2018.

*Our Species and Its Responsibilities: An Ontology for the Environmental Crisis*. University of Turin, 1-2 February 2018.

*The Science of Cognition: Brain, Body, Language, and Technology*. 14th Annual Conference of the Italian Association for Cognitive Sciences (AISC), Bologna, 14-16 December, 2017.

*Reasoning and Argumentation in Science*. Center for Advanced Studies, LMU Munich, 31 May – 2 June 2017

*14th Annual Formal Epistemology Workshop (FEW 2017)*. University of Washington, 26-28 May, 2017.

*Mind the gap: Brain, cognition, and society*. 13th Annual Conference of the Italian Association for Cognitive Sciences (AISC), Turin, 24-26 November, 2016.

Workshop *Modelli della spiegazione: Logica, scienza, cognizione*. Scuola Superiore di Studi Umanistici, Bologna, 21 October 2016.

*13th Annual Formal Epistemology Workshop (FEW 2016)*. University of Groningen, 20-22 June, 2016.

Conference *Evidence, Inference, and Risk*. Munich Center for Mathematical Philosophy, Ludwig Maximilian University, Munich, 31 March – 2 April, 2016.

*Causal and Probabilistic Reasoning*. Munich Center for Mathematical Philosophy, Ludwig Maximilian University, Munich, 18-20 June 2015.

*The Future of Philosophy of Science*. Tilburg University, 14-16 April 2010.

### **PUBLICATIONS (selected)**

Google Scholar total citations:	1207
h-index:	20
i10-index:	26
Erdős number:	4

### **Journal articles (English)**

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 Schubach (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 39<sup>th</sup> 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 31<sup>st</sup> Annual Conference of the Cognitive Science Society*, Vrije Universiteit, Amsterdam, p. 254.

### **Book chapters (English)**

- 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). Confirmation. In E. Zalta (ed.), *Stanford Encyclopedia of Philosophy* (<https://plato.stanford.edu/entries/confirmation/>)

### **Edited journal issues**

- Papers from the 9<sup>th</sup> Annual Formal Epistemology Workshop (FEW 2012). *Erkenntnis*, 79 (2014), supplement 6 (coedited with Ole Hjortland, Branden Fitelson, and Florian Steinberger).
- Rationality in Medicine. *Logic & Philosophy of Science*, 7 (2009) (coedited with Gian Franco Gensini).

### **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)

- 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. (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.



## Book reviews

G. Vattimo, *Addio alla verità. Iride*, 22 (2009): 492-494.

Reframing Heidegger and Science (Review of T. Glazebrook, *Heidegger's Philosophy of Science*). *Human Studies*, 26 (2003): 133-139.

M. Motterlini, *Lakatos. Scienza, matematica, storia. Epistemologia*, 25 (2002): 339-341.

M. Heidegger, *Il concetto di tempo. Iride*, 12 (1999): 452-453.

## Interviews

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

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

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

Interview with Vincenzo Crupi, *The Reasoner*, 7 (10), 2013: 115-117.

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

## TALKS

### Invited

*Errori cognitivi in medicina*. Scuola di Alta Formazione sul Ragionamento Clinico in Era Digitale, Collegio San Tommaso, Bologna, 17 September 2019.

*Nudge in medicina: opportunità e problemi aperti* (with F. Elia). Policlinico, Milan, 3 April 2019.

*Come pensano i “dottori”: ragionamento e decisione nella medicina clinica*. Polo Universitario ASST Fatebenefratelli-Sacco, Milan, 29 March 2019.

*Three ways of being non-material* (with A. Iacona). Third Workshop of the European Non-Categorical Thinking Project, Cambridge (UK), 25 March 2019.

*Rationality and reasoning research: A guide for the perplexed*. Workshop *Probability and Rational Inference in Economics and Psychology*, University of Milan, 22 March 2019.

*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.

*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.

*Il ragionamento clinico*. X Giornate Piemontesi di Medicina Clinica, Cuneo, 12 October 2018.

*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.

*The logic of evidential conditionals*. Workshop *New Perspectives on Conditionals and Reasoning*, Regensburg, 5 September 2018.

*Rationality and reasoning: A guide for the perplexed*. 2<sup>nd</sup> Conference of the East European Network for Philosophy of Science (EENPS), Comenius University, Bratislava, 20 June 2018.

*One, but not the same: Probabilistic confirmation vs. explanatory power.* Conference *Explanatory Power*, University of Geneva, 15 June 2018.

*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.

*La "nudge revolution" in medicina interna.* IX Giornate Piemontesi di Medicina Clinica, Cuneo, 28 September 2017.

*Clinical reasoning in internal medicine* (with F. Elia). 2<sup>nd</sup> Spring Congress, Swiss Society of General Internal Medicine, Losanna, 5 May 2017.

*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.

*Rationality and reasoning: A guide for the perplexed.* COGITO Centre Seminar, Bologna, 25 January 2017.

*Rationality and reasoning: A guide for the perplexed.* IUSS Open Seminar, Center for Neurocognition, Epistemology, and Theoretical Syntax, Pavia, 24 January 2017.

*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.

*L'errore in medicina.* VIII Giornate Piemontesi di Medicina Clinica, Cuneo, 6 October 2016.

*Variety of uncertainty: The case to go beyond Shannon entropy (and Kullback-Leibler).* Conference *Realism, Progress, and Cognitive Values*, University of Trieste, 30 September 2016.

*Red pill or blue pill? Clinical decision making in internal medicine* (with F. Elia). 15<sup>th</sup> European Congress of Internal Medicine, Amsterdam, 3 September 2016.

*From is to ought, and back: The role of normative concerns in reasoning research.* Conference in honour of Vittorio Girotto, University College London, 28 July 2016.

*Razionalità e ragionamento in medicina.* Policlinico, Milan, 19 April, 2016.

*Errore e organizzazione: perché sbagliamo?* Regional Congress of the Italian Society of Emergency Medicine (SIMEU), Casale Monferrato, 4 March 2016.

*Gini vs. Shannon: The case for quadratic entropy in formal philosophy of science.* Entropy Workshop, Ludwigsburg, 16 February 2016.

*Razionalità, cognizione ed evidenza in medicina clinica.* Conference *Filosofia e medicina*, University of Turin, Circolo dei Lettori, 22 January 2016.

*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.

*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.

*Limiti del ragionamento clinico* (with F. Elia). 116<sup>th</sup> National Congress of the Italian Society of Internal Medicine Rome, 12 October 2015.

*Judgments of conditional probability vs. evidential support: An experimental comparison in accuracy and time-consistency.* Bridges 2 Workshop, Rutgers Philosophy Department, 20 September 2015.

*One, but not the same: Bayesian confirmation theories and their implications.* PhD Seminar Series, University of Rome TRE, Rome, 13 May 2015.

*Il ragionamento nella diagnosi. Workshop Le ragioni degli esami: aspetti filosofici e psicologici della diagnostica per immagini*, Bertinoro, 24 April 2015.

*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.

*Indicative conditionals and probabilistic support*. Workshop *Reasoning and Making Decisions*, Ludwigsburg, 17 November 2014.

*Il modello cognitivista dell'errore in medicina* (with G. Cevolani). IX National Congress of the Italian Society of Emergency Medicine, Turin, 7 November 2014.

*Models of rationality and the psychology of reasoning: From is to ought, and back*. Seminar Series, Munich Center for Mathematical Philosophy, Ludwig Maximilian University, Munich, 16 April 2014.  
(video: <https://www.youtube.com/watch?v=sL5LkYOzO1M&t=3s>)

*The logic and psychology of evidential support*. Logic and Philosophy of Science Seminar, Florence, 7 March 2014.

*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.

*Errori, euristiche e probabilità: quanto è ingenuo il ragionamento ingenuo?* Conference *Epistemology of Ordinary Knowledge*, University of Siena, Arezzo, 9 October 2013.

*Probability, confirmation, and the conjunction fallacy: Theoretical and experimental advances*. Theoretical Philosophy Colloquium, Heinrich Heine University, Düsseldorf, 11 December 2012.

*Formal epistemological explication: News for the Bayesian agenda*. Workshop *Realism, Antirealism, and the Aims of Science*, University of Trieste, 30 June 2012.

*Formal epistemological explication: News for the Bayesian agenda*. Formal Epistemology Group, University of Konstanz, 19 March 2012.

*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.

*Subtleties of information search: The pseudodiagnosticity case*. Seminar, Cognitive Psychology Lab, University of Aix-Marseille, Marseille, 15 June 2010.

*Decisione, rischio ed errore: Implicazioni per la medicina d'urgenza*. Seminar, Department of Intensive Care, EOC (Switzerland), Mendrisio, 29 April 2010.

*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.

*Confirmation, verisimilitude, and a paradox of conjunction*, Workshop *Probability, Confirmation, and Verisimilitude*. Department of Philosophy, University of Trieste, Trieste, 12 September 2009.

*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.

*Inductive reasoning in human cognition*. Conference *The Psychology of Argumentation and Inductive Reasoning* Tilburg University, Tilburg, 21 November 2008.

*The diagnosticity of evidence and the pseudoevidence for pseudodiagnosticity*. Seminar, Center for Mind/Brain Sciences (CIMEC), University of Trento, Rovereto, 16 April 2008.

*The diagnosticity of evidence and the pseudo-evidence for pseudodiagnosticity.* Workshop *Probability, Confirmation, and Fallacies*, Center for Logic and Analytic Philosophy, University of Leuven, Leuven, 5 April 2008.

*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.

*Errore cognitivo ed errore diagnostico.* Advanced School for Healthcare Executives, Lombardy Regional Institute for Education in Public Administration, Milan, 14 May 2007.

*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.

*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.

*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.

*Trappole cognitive nel processo decisionale.* Annual Conference of the Italian Association for Non-Invasive Diagnostics in Dermatology, Palermo, 24 June 2005.

*On Bayesian measures of evidential support.* Programme *Evidence, Inference, and Inquiry*, Department of Statistical Science, UCL, London, 27 May 2005.

*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.

### **International refereed conference contributions**

CRUPI V., *The logic of evidential conditionals.* European Conference for Cognitive Science, Bochum, 2 September 2019.

NELSON J.D., CRUPI V., FILIMON F., and COTTRELL G.W., *On falsification and optimal experimental design approaches to the value of information.* 41<sup>st</sup> Annual Meeting of the Cognitive Science Society, Montreal, 27 July 2019.

CEVOLANI G., CRUPI V., and FESTA R., *The whole truth about Dina: Judicial reasoning and the conjunction fallacy.* 29<sup>th</sup> Biennial World Congress of the International Association for the Philosophy of Law and Social Philosophy, Lucerne, 8 July 2019.

TENTORI K., CRUPI V., DRAGONE P., FAIT S., and PASSERINI A., *Judging forecasting accuracy: How human intuitions meet formal models.* Biennial Conference on Subjective Probability, Utility, and Decision Making, Israel Institute of Technology, Haifa, 22 August 2017.

NELSON J.D., CRUPI V., MEDER B., CEVOLANI G., and TENTORI K., *A unified model of entropy and the value of information.* Annual Meeting of the Cognitive Science Society, London, 28 July 2017.

NELSON J.D., CRUPI V., MEDER B., CEVOLANI G., and TENTORI K., *Beyond Shannon entropy: A unified mathematical framework for entropy and its importance for understanding human active learning.* Annual Meeting of the Psychonomic Society, Boston, 20 November 2016.

TENTORI K., PASSERINI A., and CRUPI V., *Judging forecasting accuracy: How human intuitions meet theoretical models.* International Conference on Thinking, Brown University, Providence (RI), 4 August 2016.

- COLOMBO M., LAI J., and CRUPI V., *Sleeping Beauty goes to the lab: The psychology of self-locating evidence*. International Conference on Thinking, Brown University, Providence (RI), 4 August 2016.
- CRUPI V., NELSON J.D., MEDER B., CEVOLANI G., and TENTORI K., *Shannon and beyond: Generalized entropies and rational information search*. Conference of the European Philosophy of Science Association, Düsseldorf, 23 September 2015.
- CRUPI V., NELSON J.D., MEDER B., CEVOLANI G., and TENTORI K., *Beyond Shannon entropy: A Unified mathematical framework for entropy measures and its importance for understanding human active learning* [poster]. Biennial Conference on Subjective Probability, Utility, and Decision Making, Budapest, 16-20 August 2015.
- CRUPI V., NELSON J.D., MEDER B., CEVOLANI G., and TENTORI K., *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, Pasadena, 22 July 2015.
- NELSON J.D., CRUPI V., MEDER B., CEVOLANI G., and TENTORI K., *Beyond Shannon entropy: A Unified mathematical framework for entropy measures and its importance for understanding human active learning*. Annual Meeting of the Society for Mathematical Psychology, Newport Beach, 20 July 2015.
- CRUPI V., NELSON J.D., MEDER B., CEVOLANI G., and TENTORI K., *Shannon and beyond: Generalized entropies and rational information search*. Seventh International Conference on Model-Based Reasoning, Sestri Levante, 26 June 2015.
- NELSON J.D., MEDER B., SZALAY C., CRUPI V., and TENTORI K., *Implications of disregarding objective utilities when selecting a medical test*. Annual Meeting of the Psychonomic Society, Long Beach, 23 November 2014.
- NELSON J.D., MEDER B., SZALAY C., CRUPI V., and TENTORI K., *On selecting experiments given uncertainty about actual payoff structures*. Annual Meeting of the European Society for Philosophy and Psychology, Noto, 17 September, 2014.
- NELSON J.D., MEDER B., SZALAY C., CRUPI V., and TENTORI K., *Implications of disregarding objective utilities when selecting a medical test* [poster]. Biennial European Meeting of the Society for Medical Decision Making, Antwerp, 10 June 2014.
- CRUPI V. and GIROTTA V., *Models of rationality and the psychology of reasoning: From is to ought, and back*. Nordic Network for Philosophy of Science Meeting, Lund, 27 March 2014.
- NELSON J.D., SZALAY C., MEDER B., CRUPI V., GIGERENZER G., and TENTORI K., *On optimality conditions for the likelihood difference*. Annual Meeting of the Society of Mathematical Psychology, Potsdam, 5 August 2013.
- ZHAO J., CRUPI V., TENTORI K., FITELSON B., and OSHERSON D., *Updating: Learning vs. supposing*. Annual Meeting of the Cognitive Science Society, Sapporo, 2 August 2012.
- CEVOLANI G., CRUPI V., and FESTA R., *A verisimilitudinarian approach to the Linda paradox*. Seventh Conference of the Society for Logic, Methodology and Philosophy of Science in Spain, Santiago de Compostela, 19 July 2012.
- TENTORI K., CHATER N., and CRUPI V., *Probability vs. confirmation judgments: A comparison in accuracy and test-retest reliability*. Seventh International Conference on Thinking, Birkbeck College and UCL, London, 4 July 2012.
- CEVOLANI G., CRUPI V., and FESTA R., *More verisimilar banking: A novel analysis of the Linda paradox*. Biennial Conference of the European Philosophy of Science Association, University of Athens, Athens, 7 October 2011.

- CRUPI V. and TENTORI K., *Two representation theorems for probabilistic explanatory power*. Conference *Formal epistemology meets experimental philosophy*, Tilburg University, 30 September 2011.
- TENTORI K., CRUPI V., and RUSSO S., *New evidence on probability, confirmation, and the conjunction fallacy*. Conference *Formal epistemology meets experimental philosophy*, Tilburg University, 29 September 2011.
- CRUPI V. and TENTORI K., *Confirmation as partial entailment: A representation theorem in inductive logic*. Prolog 2011: The Fifth Workshop on Combining Probability and Logic, Columbia University, New York, 11 September 2011.
- CRUPI V., CHATER N., and TENTORI K., *New axioms for probability and likelihood ratio measures*. Seventh European Congress of Analytic Philosophy, Milan, 5 September 2011.
- IRANZO V. and CRUPI V., *Adhocness from a Bayesian point of view*. Seventh European Congress of Analytic Philosophy, Milan, 5 September 2011.
- COZZI D.A., SCHIAVETTI A., CECCANTI S., FREDIANI S., MELE E., CRUPI V., and COZZI F., *Decision analysis to compare treatment options for stage I intermediate risk Wilms' tumor*. Congress of the International Society of Pediatric Oncology, Boston (MA), 22 October 2010.
- TENTORI K., CRUPI V., and DIVAN C., *Mind the gap: Physicians' assessment of patients' decision weights in localized prostate cancer treatment*. Fifth International Workshop on Clinical Reasoning, London, 18 April 2010.
- CRUPI V., *Epistemology – formal and empirical: Bayesian confirmation theory as a case-study*. Conference *The future of philosophy of science*, Tilburg University, 14 April 2010.
- CRUPI V. and TENTORI K., *Probability, confirmation, and the conjunction fallacy: Theoretical and experimental advances*. Sixth Congress of the Society for Logic, Methodology and Philosophy of Science in Spain, Valencia, 20 November 2009.
- CRUPI V. and TENTORI K., *Bayesian confirmation theory and information search decision making*. Third Congress of the French Society for Philosophy of Science, Paris, 12 November 2009.
- CEVOLANI G., CRUPI V., and FESTA, R., *Verisimilitude and belief change for propositional theories*. Biennial Conference of the European Philosophy of Science Association, Amsterdam, 21 October 2009.
- MASTROPASQUA T., TENTORI K., and CRUPI V., *Bayesian confirmation by uncertain evidence*. Biennial Conference on Subjective Probability, Utility, and Decision Making, Rovereto, 25 August 2009.
- TENTORI, K. CRUPI V., and RUSSO S., *Explaining the conjunction fallacy*. Biennial Conference on Subjective Probability, Utility, and Decision Making, Rovereto, 23 August 2009.
- TENTORI K. and CRUPI V., *Explaining the conjunction fallacy: Probability vs. confirmation*. Annual Meeting of the Cognitive Science Society, Amsterdam, 30 July 2009.
- CRUPI V., TENTORI K., and LOMBARDI L., *Reassessing the evidence for 'pseudodiagnosticity'*. Sixth International Conference on Thinking, Venice, 23 August 2008.
- CRUPI V. and TENTORI K., *Good questions: Inductive confirmation and the value of information*. Sixth International Conference on Thinking, Venice, 21 August 2008.
- TENTORI K., CRUPI V., and OSHERSON D., *Determinants of confirmation*. Sixth International Conference on Thinking, Venice, 21 August 2008.
- FESTA R., CRUPI V., and BUTTASI C., *The grammar of confirmation*. First Biennial Conference of the European Philosophy of Science Association, Madrid, 16 November 2007.

TENTORI K., CRUPI V., and OSHERSON D., *Confirmation may depend on more than probability*. Biennial Conference on Subjective Probability, Utility, and Decision Making, Warsaw, 22 August 2007.

CRUPI V., FITELSON B., and TENTORI K., *Probability, confirmation, and the conjunction fallacy*. Conference *Confirmation, induction, and science*, London School of Economics, London, 8 March 2007.

CRUPI V., TENTORI K., and OSHERSON D., *Predicting confirmation judgments: A comparison of Bayesian measures* [poster]. Annual Conference of the Society for Judgment and Decision Making, Toronto, 11-14 November 2005.

TENTORI K., CRUPI V., BONINI N., and OSHERSON D., *On the psychology of confirmation: Inductive inferences in a probabilistic task*. Biennial Conference on Subjective Probability, Utility, and Decision Making, Stockholm, 22 August 2005.

CRUPI V., *The sink and the murder scene: Rise and fall of a causal model in contemporary medicine*. Philosophical Issues in the Biomedical Sciences, UAB Department of Philosophy & Center for Ethics and Values in the Sciences, Birmingham (AL), 14 May 2005.

## Others

CRUPI V. and ELIA F., *When things go wrong: Hindsight bias meets medical error*. Midterm Conference 2019 of the Italian Association of Cognitive Science (AISC), IMT School of Advanced Studies, Lucca, 22-24 May 2019.

CRUPI V. and SPRENGER J., *Unifying causal strength and explanatory power*. 11<sup>th</sup> MuST (Munich-Sidney-Tilburg/Turin) Conference in Philosophy of Science, Center for Logic, Language, and Cognition, Turin, 12 June 2018.

CRUPI V. and TENTORI K., *Reasoning and argumentation in the experimental study of reasoning and argumentation*. Conference *Reasoning and Argumentation in Science*, Center for Advanced Studies, Ludwig Maximilian University, Munich, 1 June 2017.

TENTORI K. and CRUPI V., *From entropy models to scoring rules*. Sixth Annual Meeting of the Priority Program *New Frameworks of Rationality* (SPP 1516), Etelsen, 7 March 2017.

CRUPI V., *Categorical induction: A view from Bayesian epistemology*. Workshop *Categorization, Language, and Inductive Learning: Theoretical and experimental perspectives*, Center for Logic, Language, and Cognition, University of Turin, 10 March 2016.

CRUPI V. and CEVOLANI G., *Spiegare l'irrazionalità? Il caso della fallacia della congiunzione*. Workshop *Modelli della spiegazione: logica, scienza, cognizione*, Scuola Superiore di Studi Umanistici, Bologna, 21 October 2015.

CRUPI V., NELSON J.D., MEDER B., CEVOLANI G., and TENTORI K., *Shannon and beyond: Generalized entropies and rational information search*. Fourth Annual Meeting of the Priority Program *New Frameworks of Rationality* (SPP 1516), Etelsen, 17 March 2015.

CRUPI V., *Norme di razionalità e psicologia del ragionamento: Una guida per i perplessi*. Workshop *Judgment and Decision: In Honor of Michel Gonzalez*, IUAV, Venice, 2 October 2014.

CRUPI V. and GIROTTO V., *Models of rationality and the psychology of reasoning: From is to ought, and back*. Conference of the Italian Society for Logic and Philosophy of Science, Rome, 20 June 2014.

CRUPI V., *A probabilistic account of partial entailment and refutation*. Conference of the Italian Society for Logic and Philosophy of Science, Rome, 19 June 2014.

CRUPI V., MEDER B., NELSON J.D., TENTORI K., and MARTIGNON L., *Pathways between Bayesian confirmation theories and models of information search*. Second Annual Meeting of the Priority Program *New Frameworks of Rationality* (SPP 1516), Etelsen, 6 March 2013.

CRUPI V., *One, but not the same: On probabilistic analyses of confirmation and explanatory power*. The Answers of Philosophy – SIFA Twentieth Anniversary Conference, Alghero, 14 September 2012.

CRUPI V., *The experimental investigation of confirmation judgments*. Workshop *Operationalizing Epistemic Concepts*, Aachen, 11 September 2012.

MEDER B., NELSON J.D., TENTORI K., MARTIGNON L., and CRUPI V., *Models of information search: A theoretical and empirical synthesis*. Kickoff Meeting of the Priority Program *New Frameworks of Rationality* (SPP 1516), Tutzing, 22 March 2012.

CRUPI V. and TENTORI K., *Irrelevant conjunction: Statement and solution of a new paradox*. Ninth Conference of the Italian Society of Analytic Philosophy, Padova, 25 September 2010.

CRUPI V., TENTORI K., and LOMBARDI L., *La pseudodiagnosticità rivisitata*. Annual Conference of the Italian Psychological Association, Chieti, 25 September 2009.

TENTORI K., CRUPI V., and RUSSO S., *Determinanti della fallacia della congiunzione: probabilità vs. conferma*. Annual Conference of the Italian Psychological Association, Padova, 19 September 2008.

MASTROPASQUA T., TENTORI K., and CRUPI V., *Conferma bayesiana con evidenza incerta*. Annual Conference of the Italian Psychological Association, Padova, 19 September 2008.

CEVOLANI G., CRUPI V., and FESTA R., *Probability, verisimilitude, and a paradox of conjunction*. Conference of the Italian Society for Logic and Philosophy of Science, Milan, 10 October 2007.

CRUPI V., TENTORI K., and GONZALEZ M., *On the logic and psychology of evidential support*. Seventh National Conference of the Italian Society of Analytic Philosophy, Milan, 19 September 2006.

CRUPI V., LOMBARDI L., and TENTORI K., *Pseudo-pseudodiagnosticità*. Annual Conference of the Italian Psychological Association, Rovereto, 13 September 2006.

TENTORI K., CRUPI V., and OSHERSON D., *Conferma induttiva e probabilità: limiti descrittivi dell'approccio bayesiano*. Annual Conference of the Italian Psychological Association, Rovereto, 13 September 2006.

## Public lectures and events

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/>.

*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](https://www.youtube.com/watch?v=KFnpW_5lctk).

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

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

*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/>.

*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=JzXnMBpdaeo>.



*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>.

*Non conviene, ma lo faccio: Matematica, incertezza e trappole nel gioco d'azzardo* (with P. Canova and D. Rizzuto). Settimane del Cervello 2015, Torino, Circolo dei Lettori, 21 March 2015.

## **TEACHING**

**Advanced** (including research, healthcare, social work, and insurance professionals)

Lecture series: *Rationality debates in contemporary cognitive science*. 26<sup>th</sup> International Summer School in Cognitive Science, New Bulgarian University, Sofia, 8-12 July 2019.

*L'arte del disinganno: Corso per indagatori di misteri*. CICAP, Roma, January – June 2019. Teaching staff.

*La logica clinica in medicina tropicale*. Sacro Cuore / Don G. Calabria Hospital, Negrar (Verona), 15-19 October 2018. Teaching staff.

*La comunicazione tra radiologo e clinico attraverso il referto di diagnostica per immagini*. S. Giovanni Bosco Hospital, Turin, 11 October 2018. Teaching staff.

*La comunicazione tra radiologo e clinico attraverso il referto di diagnostica per immagini*. S. Giovanni Bosco Hospital, Turin, 25 May 2018. Teaching staff.

*Pensiero matematicamente creativo*. Reale Mutua Insurance, Torino, 23-24 May 2018. Teaching staff (in collaboration with [TAXI 1729](#)).

*Soluzioni semplicemente geniali*. Reale Mutua Insurance, Torino, 29-30 January 2018. Teaching staff (in collaboration with [TAXI 1729](#)).

*La comunicazione tra radiologo e clinico attraverso il referto di diagnostica per immagini*. S. Giovanni Bosco Hospital, Turin, 13 December 2017. Teaching staff.

*Il gioco d'azzardo dal punto di vista matematico, cognitivo e percettivo*. Local Healthcare Agency, Siracusa, 11-12 December 2017. Teaching staff (in collaboration with [TAXI 1729](#)).

*Risk management*. S. Giovanni Bosco Hospital, Turin, 6 October 2017. Teaching staff.

*Risk management*. S. Giovanni Bosco Hospital, Turin, 15 June 2017. Teaching staff.

*Il ragionamento clinico: incertezza, decisione, trappole cognitive*. Regional Healthcare Agency of Tuscany, Firenze, 28-29 November 2016. Teaching staff.

*Clinical risk management: Perché si sbaglia?* Healthcare and Research Agency Città della Salute e della Scienza, Turin, 3 October 2016. Teaching staff.

Lecture series: *Norms vs. evidence in reasoning research*. International Rationality Summer Institute, Aurich (Germany), 5-8 September 2016.

Lecture: *Rational decisions? Principles, pitfalls, and prospects*. Alta Scuola Politecnica (Milan/Turin) Summer School, Sestriere, 21 July 2016.

*Il ragionamento clinico: Incertezza, decisione, trappole cognitive*. Regional Healthcare Agency of Tuscany, Firenze, 14-15 March 2016. Teaching staff.

*Il ragionamento clinico: incertezza, decisione, trappole cognitive*. Regional Healthcare Agency Toscana, Firenze, 30 September 2015. Teaching staff.

*Il gioco d'azzardo dal punto di vista matematico, cognitivo e percettivo*. Piccola Comunità ONLUS, Conegliano (TV), 21-22 November 2014. Teaching staff (in collaboration with [TAXI 1729](#)).

Lecture: *Come ragioniamo: regole e trabocchetti. Ragionamento clinico in emergenza-urgenza*, Local Healthcare Agency, Firenze, October / November 2014.

*Il gioco d'azzardo dal punto di vista matematico, cognitivo e percettivo*. Forum Prävention, Bolzano, 23-24 September 2013. Teaching staff (in collaboration with [TAXI 1729](#)).

*Decisione, rischio ed errore in medicina*. Smith Kline Foundation and Italian Association of Head Physicians, Cagliari / Olbia, 17-19 June 2008. Teaching staff.

Lecture: *Errore cognitivo ed errore diagnostico. Gestione del rischio clinico applicato all'ambito ematologico*, School for Executives in Healthcare, Milano, May 2007.

*Decisione, rischio ed errore in medicina*. Smith Kline Foundation and University of Florence Medical School, Firenze, 30 June – 1 July 2006. Teaching staff.

## **Postgraduate**

### *Theories of rationality*

2018/2019 MA program in Philosophy, University of Turin

### *Formal epistemology and philosophy of science*

2015 to 2017 MA program in Philosophy, University of Turin

### *Epistemology*

2005 to 2007 School of Specialization in Advanced Education (SSIS), University of Trento

### *Philosophy and history of science*

2002/2003 MSc program in Scientific Communication, University of Turin

## **Undergraduate**

### *Philosophy of science*

2011 to 2019 BA program in Philosophy, University of Turin

2008/2009 BA program in Philosophy, University of Turin

2005 to 2007 BA program in Cognitive and Applied Psychology, University of Trento

### *Theories of rationality and decision making*

2015 to 2019 BA program in Economics and Statistics for Organizations, University of Turin

### *Scientific revolutions and economic science*

2015/2016 BA program in Economics and Statistics for Organizations, University of Turin

### *Decision making, risk, and error in medicine*

2009/2010 Medical School, University of Florence