

VINCENZO CRUPI

Curriculum Vitae

February 2018

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Academic positions

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| 2014— | Director of the Center for Logic, Language, and Cognition
University of Turin |
| 2014— | Associate professor of Logic and Philosophy of Science
Department of Philosophy and Education, University of Turin |
| 2011–2014 | Assistant professor of Logic and Philosophy of Science
Department of Philosophy and Education, 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

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| 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

Funded research projects

- 2013–2017 *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
Funding of 1 PhD scholarship
- 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 international editorial board

- *Topoi: An international review of philosophy*

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*; *Philosophical Studies*; *Journal of Philosophical Research*; *Philosophers' Imprint*; *Philosophy Compass*; *European Journal of Philosophy*; *Theoria* (Spain); *Mind and Language*; *Theory and Decision*; *Cognition**; *Psychological Review**; *Frontiers in Psychology**; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Psychonomic Bulletin and Review*; *Journal of Medicine and Philosophy* (* = 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 call for proposals)
- Netherlands Organization for Scientific Research (Veni program 2014)
- French CNRS (A*Midex project 2013, Initiative d'excellence Aix-Marseille)

Symposium, workshop, and conference organization

Models of Explanation

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

Center for Logic, Language, and Cognition, University of Turin

11-13 June 2018

organizer (with Jan Sprenger, Mark Colyvan, Paul Griffiths, and Stephan Hartmann)

Foundational Issues in Philosophical Semantics

2018 Topoi Conference

Center for Logic, Language, and Cognition, University of Turin

31 May – 1 June 2018

member of the scientific committee

Conference *Our Species and Its Responsibilities: An Ontology for the Environmental Crisis*

University of Turin, 1-2 February 2018

member of the scientific committee

The Science of Cognition: Brain, Body, Language, and Technologies

14th Conference of the Italian Association for Cognitive Science (AISC)

University of Bologna

14-16 December 2017

member of the scientific committee

Changing the World, with Cognition: The Role of Cognitive Science in Social Change

Midterm Conference 2017 of the Italian Association for Cognitive Science (AISC)

University of Messina

8-10 June 2017

member of the scientific committee

Reasoning and Argumentation in Science

International Conference at the Center for Advanced Studies

Ludwig Maximilian University, Munich

31 May – 2 June 2017

member of the international scientific committee

14th Annual Formal Epistemology Workshop (FEW 2017)

University of Washington

26-28 May 2017

member of the international scientific committee

Fifth Reasoning Club Conference

Center for Logic, Language, and Cognition

University of Turin, 18-19 May 2017

organizer (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

organizer (with Andrea Iacona)

Mind the gap: Brain, Cognition, and Society

13th Conference of the Italian Association for Cognitive Sciences (AISC)

Turin, 24-26 November 2016

member of the scientific committee

Workshop Categorization, language, and inductive learning: Theoretical and experimental perspectives

Center for Logic Language and Cognition, University of Turin, 10 March 2016

organizer (with Valentina Gliozzi)

13th Annual Formal Epistemology Workshop (FEW 2016)

University of Groningen, 20-22 June 2016

member of the international scientific committee

Conference Evidence, inference, and risk

Munich Center for Mathematical Philosophy, Ludwig Maximilian University

Munich, March 31 – 2 April 2016

member of the international program committee

Workshop Modelli della spiegazione: Logica, scienza, cognizione

Scuola Superiore di Studi Umanistici, Bologna, 21 October 2016

member of the scientific committee

Symposium *Measure sensitivity in the study of reasoning and cognition*
Conference of the European Philosophy of Science Association
Düsseldorf, 23 September 2015
organizer (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
organizer (with Gustavo Cevolani and Roberto Festa)

Conference *Causal and probabilistic reasoning*
Munich Center for Mathematical Philosophy, Ludwig Maximilian University
Munich, 18-20 June 2015
member of the international scientific committee

Workshop *Information, search, and causes: Rational and cognitive approaches*
Center for Logic, Language, and Cognition
University of Turin, 6 February 2015
organizer

Workshop *Structures and dynamics of knowledge and cognition*
University of Turin, 15 May 2014
organizer (with Gustavo Cevolani)

Workshop *Operationalization 2013*
New Frameworks of Rationality program
Freiburg, 15-16 October 2013
organizer (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
Munich, 26 February 2013
organizer

Workshop *Operationalizing epistemic concepts*
New Frameworks of Rationality program
Aachen, 11-12 September 2012
organizer (with Henrik Singmann and Jan Sprenger)

9th Annual Formal Epistemology Workshop (FEW 2012)
Munich Center for Mathematical Philosophy, Ludwig Maximilian University
Munich, 29 May – 1 June 2012
member of the local organizing committee

Conference *The future of philosophy of science*
Tilburg University, 14-16 April 2010
member of the international scientific committee

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

organizer (with Nick Chater)

Publications (selected)

Google Scholar total citations: 998

h-index: 18

i10-index: 22

Erdős number: 4

Journal articles (English)

Crupi V. and Elia F. (2017)

Understanding and improving decisions in clinical medicine (I): Reasoning, heuristics, and error

Internal and Emergency Medicine, 12, pp. 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, pp. 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, pp. 758-778

Elia F., Aprà F., Verhovez A., and Crupi V. (2016)

First, know thyself: Cognition and error in medicine

Acta Diabetologica, 53, pp. 169-175

Crupi V. and Tentori K. (2014)

Measuring information and confirmation

Studies in the History and Philosophy of Science, 47, pp. 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, pp. 1-3

Crupi V. and Tentori K. (2013)

Confirmation as partial entailment: A representation theorem in inductive logic

Journal of Applied Logic, 11, pp. 364-372

[Erratum in *Journal of Applied Logic*, 12, pp. 230-231]

Tentori K. and Crupi V. (2013)

Why quantum probability does not explain the conjunction fallacy

Behavioral and Brain Sciences, 36, pp. 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, pp. 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, pp. 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, pp. 815-819

Zhao J., Crupi V., Tentori K., Fitelson B., and Osherson D. (2012)

Updating: Learning vs. supposing

Cognition, 124, pp. 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, pp. 365-385

Crupi V. (2012)

An argument for not equating confirmation and explanatory power

The Reasoner, 6 (3), pp. 39-40 [Erratum in *The Reasoner*, 6 (4), p. 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, pp. 123-134

Tentori K. and Crupi V. (2012)

How the conjunction fallacy is tied to probabilistic confirmation: Some remarks on Schubach (2009)

Synthese, 184, pp. 3-12

Cevolani G., Crupi V., and Festa R. (2011)

Verisimilitude and belief change for conjunctive theories

Erkenntnis, 75, pp. 183-202

Mastropasqua T., Crupi V., and Tentori K. (2010)

Broadening the study of inductive reasoning: Confirmation judgments with uncertain evidence

Memory & Cognition, 38, pp. 941-950

Crupi V. and Tentori K. (2010)

Irrelevant conjunction: Statement and solution of a new paradox

Philosophy of Science, 77, pp. 1-13

Tentori K., Crupi V., and Osherson D. (2010)

Second-order probability affects hypothesis confirmation

Psychonomic Bulletin and Review, 17, pp. 129-134

Crupi V., Tentori K., and Lombardi L. (2009)

Pseudodiagnosticity revisited

Psychological Review, 116, pp. 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, pp. 201-211

Crupi V., Fitelson B., and Tentori K. (2008)

Probability, confirmation, and the conjunction fallacy

Thinking and Reasoning, 14, pp. 182-199

Crupi V., Tentori K., and Gonzalez M. (2007)

On Bayesian measures of evidential support: Theoretical and empirical issues

Philosophy of Science, 74, pp. 229-252

Tentori K., Crupi V., and Osherson D. (2007)

Determinants of confirmation

Psychonomic Bulletin and Review, 14, pp. 877-883

Tentori K., Crupi V., Bonini N., and Osherson D. (2007)

Comparison of confirmation measures

Cognition, 103, pp. 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), 2017 (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), p. 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, p. 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)

Crupi V. (2017)

Generalized confirmation and relevance measures

In M. Massimi, J.-W. Romeijn, and G. Schurz (eds.), *EPSA15 (2015 Conference of the European Philosophy of Science Association): Selected Papers*, 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. (2016)

Inductive logic

Journal of Philosophical Logic, 44 (The Fortieth Anniversary Issue), pp. 641-650

Crupi V. (2013)

Confirmation

In E. Zalta (ed.), *Stanford Encyclopedia of Philosophy*

(<http://plato.stanford.edu/entries/confirmation/>)

Edited journal issues

Papers from the 9th 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)

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), pp. 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), pp. 41-68

Crupi V. (2008)

Errore, decisione e razionalità in medicina

L'arco di Giano, 55, pp. 29-41

Crupi V. (2008)

Dal linguaggio al dialogo: due ipotesi sull'interpretazione

Tropos (special issue), pp. 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), pp. 59-68

Crupi V. (2003)

L'interpretazione in discussione (I)

Universalità e linguisticità nell'ermeneutica filosofica

Iride, 16, pp. 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), pp. 123-147

Crupi V. (2002)

Ancora Duhem e Quine. L'olismo epistemologico e la complessità del ragionamento scientifico
Epistemologia, 25, pp. 5-38

Crupi V. (2000)

Epistemologia del caso-Aids: un case-study per la metodologia dei programmi di ricerca scientifici
Epistemologia, 23, pp. 243-280

Crupi V. (2000)

Tematizzazione e matematizzazione. Note sulla filosofia della scienza di Heidegger (1925-1938)
Filosofia, 51, pp. 251-275

Crupi V. (1999)

Scienza, ontologia, metafisica. Heidegger e I nomi della filosofia
Iride, 12, pp. 627-644

Crupi V. (1999)

Hempel vs. Lakatos: la metodologia dei programmi di ricerca scientifici e il problema dei presupposti
Epistemologia, 22, pp. 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

Reviews

Crupi V. (2009)

Review of G. Vattimo, *Addio alla verità*
Iride, 22, pp. 492-494

Crupi V. (2003)

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

Crupi V. (2002)

Review of M. Motterlini, *Lakatos. Scienza, matematica, storia*
Epistemologia, 25, pp. 339-341

Crupi V. (1999)

Review of M. Heidegger, *Il concetto di tempo*
Iride, 12, pp. 452-453

Interviews

Interview with Vincenzo Crupi

The Reasoner, 7 (10), 2013, pp. 115-117

Gli errori cognitivi in medicina (Interview)

Medical Humanities, 5 (17), 2011, pp. 101-105

Invited talks

One, but not the same: Probabilistic confirmation vs. explanatory power

International Conference *Explanatory Power*

University of Geneva

Geneva, 14-15 June 2018

Risk literacy vs. nudging in medicina: nuove strategie a confronto (with F. Elia)

Eighth Interregional Congress of the Italian Society of Internal Medicine

Rapallo, 10 March 2018

Reasoning and argumentation in the experimental study of reasoning and argumentation (with K. Tentori)

International Conference *Reasoning and Argumentation in Science*

Center for Advanced Studies, Ludwig Maximilian University

Munich, 31 May – 2 June 2017

Clinical reasoning in internal medicine (with F. Elia)

Spring Congress of the Swiss Society of Internal General Medicine

Lausanne, 5 May 2017

La nudge revolution in medicina: opportunità e problemi aperti (with F. Elia)

Seventh Interregional Congress of the Italian Society of Internal Medicine

Rapallo, 11 March 2017

Rationality and reasoning research: A guide for the perplexed
Seminar of the COGITO Research Centre in Philosophy
University of Bologna
Bologna, 25 January 2017

Rationality and reasoning research: A guide for the perplexed
Workshop *The Relevance of Logic to Human Reasoning*
Munich Center for Mathematical Philosophy, Ludwig Maximilian University
Munich, 18 November 2016

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

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

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

Razionalità e ragionamento in medicina
Policlinico di Milano
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)
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

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
Formal Epistemology Group
University of Konstanz
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 pseudoevidence 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

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

Refereed conference contributions

International conferences

Nelson J.D., Crupi V., Meder B., Cevolani G., and Tentori K.
A unified model of entropy and the value of information
39th Annual Conference of the Cognitive Science Society
Cognitive Science Society
London, 26 July 2017

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
Haifa, 22 August 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, November 23, 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 Girotto 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

Tentori K. and Crupi V.

From entropy models to scoring rules
Sixth Annual Meeting of the Priority Program *New Frameworks of Rationality*
Etelsen, 7 March 2017

Crupi V.

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

Crupi V.

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

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
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. 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.

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. and Tentori K.

Irrelevant conjunction: Statement and solution of a new paradox

Ninth Conference of the Italian Society of Analytic Philosophy

Padua, 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

Padua, 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

Teaching

Undergraduate level

Title: *Philosophy of science* (course)

2016/2017 Degree program in Philosophy, University of Turin

2015/2016 Degree program in Philosophy, University of Turin

2014/2015 Degree program in Philosophy, University of Turin

2013/2014 Degree program in Philosophy, University of Turin

2012/2013 Degree program in Philosophy, University of Turin

2011/2012 Degree program in Philosophy, University of Turin

2008/2009 Degree program in Philosophy, University of Turin

2006/2007 Degree program in Cognitive and Applied Psychology, University of Trento

2005/2006 Degree program in Cognitive and Applied Psychology, University of Trento

Title: *Theories of rationality* (seminar)

2017/2018 Degree program in Economics and Statistics for Organizations, University of Turin

2016/2017 Degree program in Economics and Statistics for Organizations, University of Turin

Title: *Rationality, uncertainty, and decision making* (seminar)

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

Title: *Scientific revolutions and economic science* (seminar)

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

Title: *Decision making, risk, and error in medicine* (course)

2009/2010 Medical School, University of Florence

Postgraduate level

Title: *Formal epistemology and philosophy of science*

2017/2018 MSc program in Philosophy, University of Turin

2016/2017 MSc program in Philosophy, University of Turin

2015/2016 MSc program in Philosophy, University of Turin

Title: *Philosophy of science*

2008/2009 PhD program in Economics of Complexity and Creativity, University of Turin

Title: *Epistemology*

2006/2007 School of Specialization in Advanced Education (SSIS), University of Trento

2005/2006 School of Specialization in Advanced Education (SSIS), University of Trento

Title: *Philosophy and history of science*

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