

Valia Allori

Curriculum Vitae

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Associate Professor
Department of Philosophy
Northern Illinois University
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Educational Background

- Ph. D., Philosophy, Rutgers University, October 2007 (Defense date May 16, 2007).
 - Thesis Title: "Fundamental Physical Theories: Mathematical Structures grounded on a Primitive Ontology."
 - Supervisor: Tim Maudlin (Philosophy, Rutgers).
 - Committee: Frank Arntzenius, Barry Loewer (Philosophy, Rutgers); Sheldon Goldstein (Mathematics, Physics and Philosophy, Rutgers); David Z. Albert (Philosophy, Columbia).
- Ph. D., Physics, University of Genova, Italy, December 2001.
 - Thesis Title: "Decoherence and the Classical Limit of Quantum Mechanics."
 - Supervisor: Nino Zanghi (Physics, University of Genova, Italy).
 - Committee: Detlef Dürr (Mathematics, LMU, Germany); Lodovico Lanz (Physics Department, University of Milano, Italy).
- Certificate in Scientific Communication, University of Milano, Italy, Fall 1999.
- Master, Physics *Summa cum laude*, University of Milano, Italy, March 1997.
 - Thesis Title: "Interaction of ^{12}C with ^{103}Rh at Energies greater than 33 MeV/nucleon."
 - Supervisor: Ettore Gadioli (Physics, University of Milano, Italy). Committee: Claudio Birattari, Roberto Bonetti (Physics, University of Milano, Italy).

Area of Specialization

Philosophy of Physics, Philosophy of Science, Metaphysics.

Area of Competence

Logic.

Professional Experience

- Fall 2013 - present: Associate Professor, Philosophy Department, Northern Illinois University.
- Fall 2007- Spring 2013: Assistant Professor, Philosophy Department, Northern Illinois University.
- Fall 2006-Spring 2007: Instructor, Philosophy Department, Rutgers University.
- Fall 2005-Spring 2006: Teaching Assistant, Philosophy Department, Rutgers University.

Research

A-Publications and Other Professional Contributions

1-Books

- Book Contract: "Dismantling Quantum Paradoxes," Springer-Verlag.
- "La Natura delle Cose: Introduzione ai Fondamenti e alla Filosofia della Fisica," (transl.: "The Nature of Things: Introduction to the Philosophy and the Foundation of Physics"), Carocci, Roma, Italy (2005) -- (with M. Dorato, F. Laudisa and N. Zanghì).

2-Articles and Book Chapters

2a-Philosophy

- "Space, Time, and (how they) Matter: a Discussion about some Metaphysical Insights Provided by our Best Fundamental Physical Theories." In: S. Wuppuluri, Stachel, G.C. Ghirardi (eds.), "Space, Time, and Frontiers of Human Understanding:" 95-107. Springer (2016). ISBN 978-3-319-44418-5
- "Primitive Ontology and the Classical World." In: R. Kastner, J. Jeknic-Dugic, G. Jaroszkiwicz (eds.), "Quantum Structural Studies: Classical Emergence from the Quantum Level:" 175-199. World Scientific (2016). ISBN: 978-1-78634-140-2 doi: 10.1142/9781786341419_0007
- "Primitive Ontology in a Nutshell." *International Journal of Quantum Foundations* 1 (3): 107-122 (2015).
- Reply to Authors: "The Road to Maxwell's Demon," by Meir Hemmo and Orly R. Shenker. *International Studies in the Philosophy of Science* 29 (1): 94-98 (2015). doi: 10.1080/02698595.2015.1079077
- "Maxwell's Paradox: Classical Electrodynamics and its Time Reversal Invariance." *Analytica* 1:1-19 (2015).
- "Quantum Mechanics and Paradigm Shifts." *Topoi* 32 (2): 313-323 (2015). doi: 10.1007/s11245-014-9295-y

- “Predictions and Primitive Ontology in Quantum Foundations: A Study of Examples.” *The British Journal for the Philosophy of Science* 65 (2): 323-352 (2014) – (with S. Goldstein, R. Tumulka, and N. Zanghi). doi: 10.1093/bjps/axs048
- “On the Metaphysics of Quantum Mechanics.” In: S. Lebihan (ed.), “*Precis de la Philosophie de la Physique*.” 116-151. Vuibert (2013). ISBN : 978-2-311-01100-5
- “Primitive Ontology and the Structure of Fundamental Physical Theories.” In: D. Albert, A. Ney (eds.), “*The Wave Function: Essays in the Metaphysics of Quantum Mechanics*.” 58-75. Oxford University Press (2013). doi:10.1093/acprof:oso/9780199790807.001.0001
- “Many-Worlds and Schrödinger’s First Quantum Theory.” *The British Journal for the Philosophy of Science* 62 (1): 1–27 (2011) – (with S. Goldstein, R. Tumulka, and N. Zanghi). doi: 10.1093/bjps/axp053
- “La storia del gatto che era sia vivo che morto” (transl: “The Story of the Cat that was both Dead and Alive”). In: E. Giannetto, G. Giannini (eds.), “*Da Archimede a Majorana: la fisica nel suo divenire*.” 273-283. Guaraldi (2009). ASIN: B00HZLTL8Y
- “On the Classical Limit of Quantum Mechanics.” *Foundations of Physics* 39 (1): 20-32 (2009) – (with N. Zanghi). doi: 10.1007/s10701-008-9259-4
- “On the Common Structure of Bohmian Mechanics and the Ghirardi-Rimini-Weber Theory.” *The British Journal for the Philosophy of Science* 59 (3): 353-389 (2008) – (with S. Goldstein, R. Tumulka, and N. Zanghi). doi: 10.1093/bjps/axn012
- “Ontologie Quantistiche di Particelle, Campi e Lampi” (transl.: “Quantum Ontologies of Particles, Fields and Flashes”). In: V. Fano and M. Antonelli (eds.), “*Strutture dello spazio tra fisica e psicologia*,” *Teorie e Modelli XII, III*: 9-29 (2007) – (with N. Zanghi).
- “E’ completa la descrizione della realta’ fisica fornita dalla meccanica quantistica?” (transl.: “Is the Quantum-Mechanical Description of Physical Reality Complete?”) *Il Protagora* 9: 163-180 (2007) – (with N. Zanghi).
- “What is Bohmian Mechanics.” *International Journal of Theoretical Physics* 43: 1743-1755 (2004) – (with N. Zanghi). doi: 10.1023/B:IJTP.0000048817.79384.2a
- “Seven Steps toward the Classical World.” *Journal of Optics B* 4: 482–488 (2002)– (with D. Duerr, S. Goldstein, N. Zanghi). doi:10.1088/1464-4266/4/4/344

2b-Physics

- “Observation of the Doppler Broad and Shift of the Gamma Lines of Residues Produced in the interaction of 400 MeV ^{12}C Ions with ^{63}Cu .” In: E. Norman, L. Schroeder, and G. Wozniak (eds.) “*Nuclear Physics in the 21st Century: Proceedings of the International Nuclear Physics Conference*,” *American Institute of Physics Proc. No. 610*, Berkeley (2001) – (with E. Gadioli, et al.).
- “Excitation Functions, Angular Distributions and Recoil Range Distributions of Residues Created in Heavy-Ion Reactions.” In: “*Proceedings of the South African*

- Institute of Physics National Conference," *South African Institute of Physics Proceedings* (1998) — (with E. Gadioli, *et al.*).
- "Low Linear Momentum and Energy Transfer Reactions in the Interaction of ^{12}C with ^{103}Rh ". In: "*Proceedings of the 8th International Conference on Heavy Nucleon Reaction,*" Paris (1998) — (with E. Gadioli, *et al.*).
 - "Spectra of Alpha Particles Emitted in the Interaction of ^{12}C with ^{93}Nb ." *NAC Annual Report* (1998) — (with M. Cavinato, *et al.*).
 - "Angular Distributions and Forward Recoil Range Distributions of the Residues Created in the Interaction of ^{12}C and ^{16}O ions with ^{103}Rh ," *Nuclear Physics A* 641, 271-296 (1998) — (with E. Gadioli, *et al.*).
 - "The Interaction of ^{12}C and ^{16}O with ^{103}Rh ." *Acta Physica Hungarica New Series: Heavy Ion Physics* (now *European Physical Journal A: Hadrons & Nuclei*) 7, 275-287 (1998) — (with E. Gadioli, *et al.*).
 - "Comprehensive Study of the Reaction of ^{12}C with ^{103}Rh up to 33 MeV/nucleon." *Physics Letters B* 394, 29-36 (1997) — (with E. Gadioli, *et al.*).
 - "Comprehensive Study of the Reaction of ^{12}C with ^{103}Rh up to 33 MeV/nucleon." *Physics Letters B* 394, 29-36 (1997) — (with E. Gadioli, *et al.*).
 - "Study of the Interaction of ^{12}C and ^{16}O with ^{103}Rh ." *NAC Annual Report* (1997) — (with E. Gadioli, *et al.*).
 - "A Comprehensive Study of the Interaction of ^{12}C with Nuclei". In: E. Gadioli (ed.), "*Ricerca Scientifica ed Educazione Permanente,*" Suppl. 111, 271-281, 10 (1997) — (with E. Gadioli, *et al.*).
 - "Comprehensive Study of the Interaction of ^{12}C with ^{103}Rh up to 33 MeV/nucleon." In: G. Giardina, G. Fazio, M. Lattuada (eds.) "*Large Scale Collective Motion of Atomic Nuclei.*" World Scientific (1996) — (with E. Gadioli, *et al.*).

3- Book Reviews

- Book Review of "The Road to Maxwell's Demon: Conceptual Foundations of Statistical Mechanics," by Meir Hemmo and Orly R. Shenker. *International Studies in the Philosophy of Science* 27 (4): 451-454 (2013).
doi :10.1080/02698595.2013.868179
- Book Review of "Do We Really Understand Quantum Mechanics?" by Franck Laloe; *Notre Dame Philosophical Review* (2013).
<http://ndpr.nd.edu/news/38495-do-we-really-understand-quantum-mechanics/>
- Book Review of "Everywhere and Everywhen, Adventures in Physics and Philosophy," by Nick Huggett; *Notre Dame Philosophical Review* (2011).
<http://ndpr.nd.edu/news/24577-everywhere-and-everywhen-adventures-in-physics-and-philosophy/>

- Book Review of “Quantum Mechanics- a Philosopher’s Overview,” by Salvator Cannavo; *International Studies in the Philosophy of Science* 24 (3), 330-333 (2010). doi: 10.1080/02698595.2010.522416
- Book review of “The Kantian legacy in the Nineteenth -Century Science,” M. Friedman, and A. Nordmann (eds.); *Journal of the History of Philosophy* 47 (3), 478-479 (2009). doi: 10.1353/hph.0.0128

4-Papers Read at Professional Meetings (Conferences, Workshops, Invited talks)

- “Scientific Realism and the Quantum.” American Philosophical Association (APA) Pacific Division Meeting, Seattle, WA. April 2017.
- Comments on Olin Robus’ paper: “Putnam, Stein, and Space-Time: What Can Science Do for Philosophy?” American Philosophical Association Central (APA) Division Meeting, Kansas City, MO. March 2017.
- “Structure, Laws of Nature, and Fundamental Properties.” Symposium on Radical Ontic Structural Realism. American Philosophical Association (APA) Eastern Division Meeting. Baltimore, MD. January 4-7 201y (invited).
- “Scientific Realism and Primitive Ontology.” Philosophy of Science Association (PSA) Meeting. Atlanta, GE. November 3-5, 2016.
- “Laws of Nature, Fundamental Properties and Ontology.” Midwest Annual Workshop in Metaphysics (MAWM). University of Nebraska-Lincoln. Lincoln, NE. October 14-15, 2016 (invited).
- “Scientific Realism and Primitive Ontology.” 2016 Conference of the Society of Philosophy of Science (Société de philosophie des science, SPS). University of Lausanne (Switzerland). June 29-July 1, 2016.
- Comments on Jason Turner’s paper: “Everettian Quantum Mechanics and Evil.” Rutgers Mini-Conference on Multiverse, Theodicy, and Fine-Tuning. Rutgers University. June 10-11, 2016.
- Comments on Hans Halvorson’s paper: “A Probability Problem in the Fine-Tuning Argument.” Rutgers Mini-Conference on Multiverse, Theodicy, and Fine-Tuning. Rutgers University. June 10-11, 2016.
- “What Does Quantum Mechanics tell us about Time?” Department of Philosophy, University of Wisconsin-Milwaukee. April 10, 2015 (invited).
- “Physical Theories and Primitive Ontology: a Primer.” First iWorkshop on the Meaning of the Wave Function.
<http://www.ijqf.org/groups-2/meaning-of-the-wave-function/>. October 20-26, 2014.
- “The Paradox of Deterministic Probabilities.” Indiana Philosophical Association Meeting. Indiana University-Purdue University, Fort Wayne, IN. October 16-17, 2014.

- “Quantum Mechanics and Paradigm Shifts.” Conference on the Metaphysics of Quantum Mechanics. Oxford University. Oxford, UK. October 2-3, 2014.
- “Maxwell's Paradox: On the Metaphysics of Classical Electrodynamics and its Time-Reversal Invariance.” 2014 Conference of the Society of Philosophy of Science (Société de philosophie des science, SPS). University of Lille 1 and University of Lille 3 (France). June 25-27, 2014.
- “Quantum Mechanics and Paradigm Shifts.” 2014 Conference of the Italian Society of Logic and Philosophy of Science (Societa' Italiuana di Logica e Filosofia della Scienza, SILFS). University of Rome III, Rome, RM (Italy). June 18-20, 2014.
- “What does Quantum Mechanics Tell us about Time?” Philosophy of Time Society Conference. Palazzo Feltrinelli, Gargnano, BS (Italy). May 11-14, 2014.
- “What does Quantum Mechanics Tell us about Time?” Quantum Time Conference. Center for Philosophy of Science, Pittsburgh, PA. March 28-29, 2014.
- “Quantum Mechanics and Paradigm Shifts.” 9th Annual International Conference on Philosophy. Athens, Greece. May 26-29, 2014.
- “Quantum Mechanics and Paradigm Shifts.” 14th Annual Conference of the Israeli Society for History and Philosophy of Science (ISHPS). Bloomfield Science Museum, Jerusalem (Israel). December 22, 2013.
- “Primitive Ontology and Laws of Nature.” Workshop Bridging Metaphysics and Philosophy of Physics. University of Rochester. Rochester, NY. September 13-14, 2013.
- “Pandora's Cat: The Story of the Cat that was neither dead nor alive.” Sigma Xi Scientific Research Society brown bag lunch series, Northern Illinois University. Dekalb, IL. January 30, 2013.(invited)
- “Maxwell's Paradox: On the Metaphysics of Classical Electrodynamics and its Time-Reversal Invariance.” Philosophy of Science Association (PSA) Meeting, San Diego, CA. November 15-17, 2012.
- “On the Metaphysics of Classical Electrodynamics and its Time-Reversal Invariance.” Illinois Philosophical Association, Northern Illinois University, Dekalb, IL. November 18-19, 2011.
- “Is the Classical-Quantum Transition truly an example of a Kuhnian Revolution?” Midwest Workshop in Philosophy of Science, Technology, Engineering and Mathematics (PHILOSTEM 2), Fort Wayne, IN. November 10-12, 2011.
- “On the Metaphysics of Classical Electrodynamics and its Time-Reversal Invariance.” Northwest Philosophy Conference, Lewis and Clark College, Portland, OR. November 3-5, 2011.

- “On the Metaphysics of Classical Electrodynamics and its Time-Reversal Invariance.” 27th Philosophy and History of Science Conference, Boulder, CO. September 22-25, 2011.
- “Is Quantum Mechanics a Kuhnian Revolution?” Quantum Theory without Observers Conference, Sexten, BZ (Italy). July 24 – August 8, 2011.
- “What does Quantum Mechanics Tell us about Time?” 2010 Conference of the Italian Society of Logic and Philosophy of Science (Societa’ Italiuana di Logica e Filosofia della Scienza, SILFS), Bergamo, BG (Italy). December 15-17, 2010.
- “Do Particles Have Free Will?” 2010 Joint Meeting of the Illinois and Indiana Philosophical Association, Eastern Illinois University, Charleston IL. November 5-6, 2010.
- “Some Remark on Wave Function Monism.” 26th Boulder Conference on the History and Philosophy of Science, Boulder, CO. October 22-24, 2010.
- “Do Particles Have Free Will?” Central State Philosophical Association (CSPA) Meeting, Detroit, MI. September 23-25, 2010.
- “Primitive Ontology and the Structure of Fundamental Physical Theories.” What is Quantum Theory Conference, Sexten, BZ (Italy). August 2-11, 2010.
- Comment on Alyssa Ney's paper: “Quantum Mechanics and Three-dimensional Space.” Philosophical Issues in Cosmology, Quantum Theory, and Time Conference, Rutgers Center for Philosophy and the Sciences and the Philosophy Department, New Brunswick, NJ. April 16-18, 2010.
- “On Wave Function Monism in Spontaneous Collapse Theories.” Philosophy of Physics Colloquium, Department of Philosophy, University of Illinois at Chicago, Chicago, IL. March 31, 2010. (invited)
- Comments on Christopher Pynes' paper: “The Mistake in Monty Fall.” Illinois Philosophical Association Meeting, Urbana-Champaign, IL. October 23-24, 2009.
- Comments on Gregory Landini's paper: “Facts about the Slingshot.” Central State Philosophical Association (CSPA) Meeting, Dekalb, IL. October 9-10, 2009.
- “What does Quantum Mechanics Tell us about Time?” Iowa Philosophical Society Annual Conference, Mount Vernon, IA. October 18, 2008.
- “Galileo and the Scientific Method.” Conference on New Ideas in History and Science, Northern Illinois University, Dekalb, IL. February 6, 2009. (invited)
- “On Wave Function Monism in Spontaneous Collapse Theories.” Department of History and Philosophy of Science, Indiana University at Bloomington, Bloomington, IN. January 30, 2009. (invited)
- Comments on Gregory Landini's paper: “Yablo's Paradox and Russellian Propositions.” Central States Philosophical Association (CSPA) Meeting, St. Paul, MN. September 26-27, 2008.
- Comment on Brad Skow's paper: “Why Does Time Pass?” Bellingham Summer Philosophy Conference, Bellingham, WA. August 3-7, 2008.

- "What Does Quantum Physics Say about Time?" Philosophy Department, University of Macerata, Macerata, Italy. May 28, 2008. (invited)
- Comment on Jeffrey Dunn's paper: "Counterfactual Dependence, Thermodynamics, and the Special Sciences." American Philosophical Association (APA) Central Division Meeting. Chicago, IL. April 17-20, 2008.
- Comment on Cian Dorr's paper: "Quantum Mechanics and Space." Metaphysics and Physics Conference, Rutgers University, New Brunswick, NJ. October 26-8, 2007.
- "Primitive Ontology and the Structure of Fundamental Physical Theories." Quantum Reality: Ontology, Probability, Relativity, New Brunswick, NJ. October 7-9, 2007.
- "On the Common Structure of Quantum Theories without Observers." Department of Philosophy, University of Maryland, College Park, MD. March 21, 2007.
- "Pandora's Cat: On the Common Structure of Bohmian Mechanics and the Ghirardi-Rimini-Weber Theory." Philosophy Department, St. Olaf College, Northfield, MN. February 28, 2007.
- "Pandora's Cat: On the Common Structure of Bohmian Mechanics and the Ghirardi-Rimini-Weber Theory." Philosophy Department, Northern Illinois University, Dekalb, IL. February 1, 2007.
- "Pandora's Cat: On the Common Structure of Bohmian Mechanics and the Ghirardi-Rimini-Weber Theory." Philosophy Department, University of Rochester, Rochester, NY. January 26, 2007.
- "Pandora's Cat: On the Common Structure of Bohmian Mechanics and the Ghirardi-Rimini-Weber Theory." Philosophy Department, University of Iowa, Iowa City, IA. January 22, 2007.
- "Pandora's Cat: On the Common Structure of Bohmian Mechanics and the Ghirardi-Rimini-Weber Theory." Philosophy Department, Yeshiva College, New York, NY. December 29, 2007.
- "Pandora's Cat: On Bohmian Mechanics and the GRW Theory." XXXVI Conference of the Italian Society of History of Physics and Astronomy, Rome, RM (Italy). June 15-17, 2006.
- "On the Importance of the Notion of Primitive Ontology." Second School on the Foundations of Physical Theories, Urbino, PU (Italy). July 5-9, 2004.
- "Seven Steps toward the Classical World." Mysteries, Puzzles and Paradoxes in Quantum Mechanics Conference, Gargnano, BS (Italy). August 27-September 1, 2001.
- "Decoherence and the Classical Limit of Quantum Mechanics." Quantum Structures V: International Quantum Structures Association Conference, Cesena and Cesenatico, FC (Italy). March 31-April 3, 2001.

- “Heavy Ions Reactions at Low Energy.” Centenary of the Italian Society of Physics Conference, Como, CO (Italy). June 1997.

B-Grants, Fellowships, and Leaves of Absence

- NIU Research and Artistry Award, 2014. Research project: “The Metaphysical Lesson of String Theory Dualities.”
- Fall 2013-Spring 2014: Sabbatical Leave. Research program: “Determinism, Statistical Explanation and Cosmology.”
- PRIN 2010-11 Grant, collaborator. Research program: “Foundational Problems at the Interface between Quantum Mechanics and Relativity.”
- CLAS NIU 2012 Research & Engaged Learning Grant.
- NSF STS Grant, collaborator. Research program: “Philosophical Implications of the GRW Theory of Wave Function Collapse.”
- NIU Research and Artistry Award, 2009. Research project: “The Role and Nature of Probabilities in Deterministic Theories.”
- PRIN 2008 Grant, collaborator. Research program: “Foundation of Quantum Measurement.”
- NIU Research and Artistry Award, 2008. Research project: “The Many-Worlds Theory and Relativity: is this a Hoax?”
- PRIN 2007 Grant, collaborator. Research program: “The Problem of Macro objectification in Quantum Mechanics.”
- 2-years Rutgers Graduate School Teaching Assistantship, 2005-2007.
- Rutgers Travel Award, 2004.
- 3-years Rutgers Graduate School Fellowship, 2002-2005.
- 1-year Fellowship from Fondazione Fratelli Confalonieri, 1998.
- 5-years Fellowship for outstanding students from INPGI (“Istituto Nazionale Previdenza Giornalisti Italiani,” National Support Institute for Italian Journalists’ Families), 1990-1995.

Teaching and Related Activities

Courses taught:

- Undergraduate:
 - Phil 101: Introduction to Philosophy
 - Phil 205: Symbolic Logic
 - Phil 360: Philosophy of Science
 - Phil 385: Philosophy and Science Fiction
 - Phil 405: Intermediate Logic
 - Phil 464: Philosophy of Physics
- Graduate:
 - Phil 505: Intermediate Logic

- Phil 564: Philosophy of Physics
- Phil 660A: Philosophy of Science, Survey
- Phil 691: Special Topics in Philosophy, Paradoxes

Professional Service

1-Invited Talks

- Invited talks are listed as 'invited' under "Papers read at Professional Meetings."

2-Editorial Positions

Philosophy Compass - Philosophy of Science Section Editor.

3-Other

Blog Posts:

- "Realismo Scientifico e Meccanica Quantistica: E' la Funzione d'Onda la Radice di Tutti i Mali?" Philosophy Department Blog, University of Urbino, PU (Italy). <http://filosofia.uniurb.it/realismo-scientifico-e-meccanica-quantistica-e-la-funzione-donda-la-radice-di-tutti-i-mali/>
- "How do Gravitational Waves Confirm General Relativity?" The Philosopher's Eye, the Wiley Blackwell philosophy blog. <https://thephilosopherseye.com/2016/03/11/philosophy-of-science-how-do-gravitational-waves-confirm-general-relativity/>

Interviews:

- "Rolling Stone Magazine - Italia" (in Italian)
- "La Soglia Oscura," in Italian (Part 1: <http://www.sogliaoscura.org/int-fisica1.html> and 2: <http://www.sogliaoscura.org/int-fisica2.html>)

Chair at the following conferences:

- Metaphysics session on fundamental structure and categories - L.A. Paul, Jonathan Schaffer, and Jason Turner speaking. Central APA Meeting, Chicago, IL. February 17-19, 2012.
- Symposium on the paper "Causation, Association, and Confirmation" organized by F.P. Griesmaier. Pacific APA Meeting, San Diego, CA. April 20-23, 2011.

Discussant at the following conferences:

- 14th New Direction in the Foundations of Physics Conference, Washington DC. April 24-26, 2015.
- "Metaphysics Meets Philosophy of Physics in Rochester." University of Rochester, Rochester, NY. September 12-13, 2014.
- 9th New Direction in the Foundations of Physics Conference, Washington DC. April 30-May 2, 2010.
- Quantum Mechanics and the Nature of Physical Reality Conference, Sexten (Bozen), Italy. July 22-25, 2009.

- Philosophical Foundations of Statistical Mechanics Workshop, Rutgers University, New Brunswick, NJ. May 13-15, 2009.
- 8th New Direction in the Foundations of Physics Conference, Washington DC. May 1-3, 2009.
- Philosophy of Gauge Theory Workshop. University of Pittsburgh, Pittsburgh, PA. April 18-19, 2009.
- Illinois Philosophical Association Meeting, Dekalb, IL. November 7-8, 2008.
- 7th New Direction in the Foundations of Physics Conference, College Park, MD. April 25-27, 2008.
- 6th New Direction in the Foundations of Physics Conference, College Park, MD. April 25-27, 2007.
- Philosophy of Physics: Descrying the World in Physics Summer School, Central European University, Budapest (Hungary). July 3- 14, 2006.
- 4th New Direction in the Foundations of Physics Conference, College Park, MD, April 29-May 1, 2005.
- Descrying the World in Physics Conference, Rutgers University and Columbia University, New Brunswick, NJ and New York, NY. April 21-23, 2005.
- Quantum Theories without Observers II Conference, Bielefeld (Germany). February 2-6, 2004.
- ISI Foundation's Quantum Computing Euro-Workshop, Turin (Italy). February 2000.
- Chance in Physics: Foundations and Perspectives Conference, Ischia, NA (Italy). November 29-December 3, 1999.
- VIII National Seminar in Theoretical Physics, Parma, PA (Italy). August 30-September 10, 1999.
- 8th International Conference on Nuclear reaction Mechanism, Varenna, CO (Italy). June 4-9, 1997.