



Mario Piazza

Scuola Normale Superiore (SNS)

Classe di Lettere e Filosofia

Piazza dei Cavalieri 7

56126 Pisa, Italy

Email: mario.piazza@sns.it

Url: <https://sites.google.com/sns.it/mariopiazza>

CURRENT POSITIONS AT SNS

- 2019- Vice Director.
- 2018- *Full Professor* of Logic and Philosophy of Mathematics.
- 2018- Coordinator of the PhD program in Philosophy.

PRIOR POSITIONS AT SNS

- 2018-2019 Pro-Rector for Education and Internationalization; Pro-Rector for Education, Third Mission Activities and Accreditation Process; Vice Dean of the Faculty of Humanities.

APPOINTMENTS HELD

- 2011-2018 *Full Professor* of Logic and Philosophy of Science at the Department of Philosophical, Pedagogical and Economic-Quantitative Sciences, University of Chieti-Pescara.
- 2005-2011 *Associate Professor* of Logic and Philosophy of Science at the Department of Philosophy, University of Chieti-Pescara.
- 2007-2009 *Research Associate* at Istituto per le Applicazioni del Calcolo “Mauro Picone” (IAC-CNR) Rome (honorary appointment).
- 2000-2005 *Assistant Professor* of Logic and Philosophy of Science at the Department of Philosophy, University of Chieti-Pescara.

RESEARCH AREAS

AREAS OF SPECIALIZATION

Logic and its relations with philosophy • Classical and non-classical logics: structural proof-theory and its applications • Incompleteness phenomena • Computation theory • Philosophy of Mathematics.

AREAS OF COMPETENCE

History of Logic • Epistemology • General Philosophy of Science • Philosophy of reasoning • Philosophy of Language • Ancient Philosophy (esp. Plato).

AREAS OF INTEREST

Philosophy of Biology • Decision Theory • Metaphysics • Early Modern Philosophy • History of Analytic Philosophy.

ACADEMIC EDUCATION

- 1995 PhD in Philosophy of Science, University of Genoa.
- 1991 MA in Epistemology and Metaphysics (*Licentia*), Pontifical Gregorian University.
- 1990 MA in Philosophy (*Laurea*), University of Rome “La Sapienza”.

GRANTS & FELLOWSHIPS

- 1999-2000 École Normale Supérieure of Paris. Département d’Informatique. Fellowships from the “Atelier de Recherche”: Géométrie et Cognition.
- 2000 Research fellow at the Fondazione Giorgio Cini, Venice.
- 1997-98 Utrecht University. Utrecht Institute of Linguistics OTS. Research grant from the Dutch Minister of Foreign Affairs.
- 1996 Columbia University, New York. Department of Philosophy. Post-doctoral research grant.
- 1995-96 University of Warsaw. Department of Mathematics, Mechanics and Computer Science. Research grant from the Polish Ministry of Foreign Affairs.
- 1995 Grant from the Istituto Italiano per gli Studi Filosofici of Naples.
- 1991-95 Doctoral Fellowship from University of Genoa.
- 1992 Grant from Fondazione Ugo Bordoni.
- 1989 Grant from Philipp University of Marburg.
- 1986-90 Total exemption from university fees for outstanding results in education, University of Rome “La Sapienza”.

VISITING PROFESSORSHIPS

- 2015 Lingnan University, Hong Kong. Department of Philosophy. September-October
- 2014-15 University of Macau. Department of Philosophy and Religious Studies. November-March.
- 2013 Université Paris Diderot - Paris 7. Département Histoire et Philosophie des sciences. November.
- 2011 University of Macau. Department of History (Section of Philosophy). March-April.
- 2007 École Normale Supérieure of Paris, Département d’Informatique. January-March.
- 2004 Utrecht University. Utrecht Institute of Linguistics OTS. September.

- 2003 Utrecht University. Utrecht Institute of Linguistics OTS. May-June.
- 2001 Utrecht University. Utrecht Institute of Linguistics OTS. September-October.
- 2001 École Normale Supérieure of Paris, Département d'Informatique. June.

PUBLICATIONS

BOOKS

- 2008 *Senza parole. Ragionare con le immagini* (with V. Giardino), Bompiani, Milano.
- 2000 *Intorno ai numeri. Oggetti, proprietà, finzioni utili*, Bruno Mondadori, Milano.
- 1995 *Admissibility of structural rules in the multiplicative fragment of linear logic*. PhD Thesis, University of Genoa.

EDITED BOOKS

- 2018 *Truth, existence and explanation. FilMat Studies in the Philosophy of Mathematics*, Boston Studies in the Philosophy and History of Science, Springer, 2018.

LOGIC ARTICLES

- 2022 “Controlled sequent calculi for first-order non-monotonic logics” (with M. Tesi), under review.
- 2021a “Analyticity under extra-logicality” (with M. Tesi), under review.
- 2021b “On the number of provable formulas” (with M. Pedicini, Q. W.Q. Puite), in L. Bellotti, G. Turbanti (eds), *Fourth Pisa Colloquium in Logic, Language and Epistemology. Essays in Honour of E. Moriconi*, Edizioni ETS, pp. 145-166.
- 2021c “Fractional-valued modal logic” (with G. Pulcini, M. Tesi), *The Review of Symbolic Logic*, Cambridge University Press, pp. 1-20. doi:10.1017/S1755020321000411.
- 2021d “Chrysippus’ logic in a natural deduction setting” (with M. D’Agostino), in F. Ademollo, F. Amerini, V. De Risi (Eds.), *Thinking and Calculating. Essays on Logic, its History and its Applications*, Springer, Berlin forthcoming.
- 2021e “Molecular biology meets Logic. Context-sensitiveness in focus” (with G. Boniolo, M. D’Agostino, G. Pulcini), *Foundations of Science*, Springer, <https://doi.org/10.1007/s10699-021-09789-y>.
- 2020 “Fractional Semantics for Classical Logic” (with G. Pulcini), *The Review of Symbolic Logic*, 13 (4), Cambridge University Press, pp. 810-828.
- 2019a “A New Approach to Proof-Theoretic Semantics for Classical Logic” in T. Piecha, P. Schroeder-Heister (eds.), *Proof-theoretic Semantics. Assessment and Future Perspectives. Proceedings of the Third Tübingen Conference on Proof-Theoretic Semantics, 27-30 March 2019*. University of Tübingen, 2019, pp. 253-266.
- 2019b “Abstract Machines, Optimal Reduction, and Streams” (with A. Lai, M. Pedicini), *Mathematical Structures in Computer Science*, Cambridge University Press, 29(9), pp. 1379-1410.
- 2018 “Kalmar elementary complexity and von Neumann Algebras” (with M. Pedicini), *Pan-American Mathematical Journal* Volume 28, Number 4, 1-28.

- 2017 “Unifying logics via context-sensitiveness” (with G. Pulcini), *Journal of Logic and Computation*, Oxford University Press, 27 (1), 2017, pp. 21-40. Published online August 10, 2015.
- 2016a “Uniqueness of axiomatic extensions of cut-free classical propositional logic” (with G. Pulcini), *The Logic Journal of IGPL*, 24(5), Oxford University Press, pp. 708-718.
- 2016b “On the maximality of classical logic” (with G. Pulcini), in T. Piecha, P. Schroeder-Heister (eds.), *General Proof Theory. Celebrating 50 Years of Dag Prawitz’s “Natural Deduction”*. *Proceedings of the Conference held in Tübingen, 27-29 November 2015*. University of Tübingen, 2016, pp. 231-247.
- 2015a “How to go nonmonotonic through context-sensitiveness” (con M. D’Agostino, G. Pulcini), *L&PS - Logic and Philosophy of Science. An electronic journal*. Vol. XIII, No. 1, 2015, pp. 3-27.
- 2015b “Adding logic to the toolbox of molecular biology” (with G. Boniolo, M. D’Agostino, G. Pulcini), *European Journal for Philosophy of Science*, Volume 5, Issue 3, Springer, pp. 399-417.
- 2014a “Sequential and Parallel Abstract Machines for Optimal Reduction” (con M. Pedicini, G. Pellitta), *Electronic proceedings of the 15th Symposium on Trends in Functional Programming (TFP2014)*, Utrecht.
- 2014b “A logical calculus for controlled monotonicity” (with M. D’Agostino, G. Pulcini), *Journal of Applied Logic*, 12, Elsevier, pp. 558-569.
- 2013 “A logic of non-monotonic interactions” (with G. Boniolo, M. D’Agostino, G. Pulcini), *Journal of Applied Logic*, 11, Elsevier, pp. 52-62.
- 2010 “An application of von Neumann Algebras to computational complexity” (with M. Pedicini), in M. D’Agostino and C. Sinigaglia (eds.), *New Essays In Logic and Philosophy of Science*, College Publications, London, pp. 183-194.
- 2009 “Elementary Computation and Von Neumann Algebras” (with M. Pedicini), IAC-Research Report Series, pp. 1-22 (<https://arxiv.org/abs/0912.5342>).
- 2007 “Elementary Complexity into the Hyperfinite II_1 factor \mathcal{R} ” (with M. Pedicini) in S. B. Cooper, T. F. Kent, B. Löwe, and A. Sorbi (eds.), *Computation and Logic in the Real World. CiE 2007*, Quaderni del Dipartimento di Scienze Matematiche e Informatiche “Roberto Magari”, pp. 297-305.
- 2004 “Geometric non commutative phase spaces”, *L&PS - Logic and Philosophy of Science. An electronic journal* 2, pp.1-13.
- 2001a “Linguistic Applications of First Order Intuitionistic Linear Logic” (with R. Moot), *Journal of Logic, Language and Information* 10, Kluwer, pp. 211-232.
- 2001b “Exchange Rules”, *Journal of Symbolic Logic* 66 (2001), Association for Symbolic Logic, pp. 509-516.
- 1998a “Saturated Formulas in Full Linear Logic” (with M. Castellan), *Journal of Logic and Computation* 8, Oxford University Press, pp. 665-668.
- 1998b “The characterization of the class of minimal Girard quantales”, in V. M. Abrusci *et al.*, *Prospettive della logica e della filosofia della Scienza, Atti del Convegno Triennale della SILFS*, Edizioni ETS, Pisa, pp. 227-232.
- 1996a “Quantales and Structural Rules”, *Journal of Logic and Computation* 6, Oxford University Press, pp. 709-724.

- 1996b “Propositional constants in classical and linear logic” in C. Martínez Vidal *et al.* (eds.) *Proceedings of the International Conference Truth: Logic, Representation and World*, Universidade de Santiago de Compostela Publicati6ns, pp. 211-217.
- 1995 “Algebraic structures and observations: Quantales for a noncommutative logic-theoretic approach to Quantum Mechanics” in C. Garola, A. Rossi (eds.), *The Foundation of Quantum Mechanics*, Kluwer, Dordrecht, pp. 381-394.
- 1994a “Quantale semantics for noncommutative classical linear logic with exchange connectives and exponentials” in M. Moortgat (ed.), *Linear Logic and Lambek Calculus*. Dyana Publications, Amsterdam, pp. 59-75.
- 1994b “A comparison between two different Tarski-style semantics for linear logic”, *Epistemologia* 17, pp. 101-116.

PHILOSOPHY OF MATHEMATICS AND LOGIC ARTICLES

- 2019 “On implicit commitment of arithmetical theories and its semantic core” (with C. Nicolai), *Erkenntnis*, 84, Springer, pp. 913-937.
- 2016a “Regole logiche e razionalit  umana”, in M. Dell’Utri and A. Rainone (eds.) *Modelli filosofici della razionalit *, Mimesis Edizioni, pp. 11-28.
- 2016b “What is so special about the G del sentence \mathcal{G} ?” (with G. Pulcini), in F. Boccuni F. and A. Sereni (eds.) *Objectivity, Realism, and Proof. FilMat Studies in the Philosophy of Mathematics*, Boston Studies in the Philosophy and History of Science, Springer, pp. 245-263.
- 2015 “A Deflationary Account of the Truth of the G del Sentence \mathcal{G} ” (with G. Pulcini), in G. Lolli *et al.* (eds.) *From Logic to Practice*. Boston Studies in the Philosophy and History of Science, Springer, Heidelberg, pp. 71-90.
- 2014 “Strange Case of Dr. Soundness and Mr. Consistency” (with G. Pulcini), in V. Pun och r, M. Dan  k (eds.), *The Logica Yearbook 2013*, College Publications, London, pp. 161-172.
- 2012 “Pathways of mathematical cognition” in P. Graziani *et al.* (eds.), *Open Problems in Philosophy of Science*, College Publications, London, pp. 49-56
- 2011 “Disentangling Truth from Undecidability: the G delian view”, unpublished manuscript, (<http://logica.uniroma3.it/files/Disentangling.pdf>), pp. 1-13.
- 2006 “Contro l’equilibrio riflessivo”, *Rivista di filosofia* 97, pp. 209-232.
- 1995 “‘One must always topologize’: il teorema di Stone, la ‘topologia influente’ e l’epistemologia matematica”, *Rivista di Storia della Scienza*, s. II, 3, pp. 1-24.
- 1992 “L’errore e la sorpresa: due concetti in matematica”, *Archimede* 44, pp. 90-96.

EPISTEMOLOGY ARTICLES

- 2019 “What does Arrow’s information paradox say (to philosophers)” (with M. Pedicini) in M. V. d’Alfonso and D. Berkich, *On the Cognitive, Ethical, and Scientific Dimensions of Artificial Intelligence*, Philosophical Studies Series 134, Springer, pp. 83-94.
- 2015 “Possibilities regained. Neo-Lewisian contextualism and ordinary life” (with N. Dolcini), *Synthese*, Springer, DOI 10.1007/s11229-015-0963-2, pp. 1-20.
- 2008 “Descartes e la conoscenza perfetta”, in Aa.Vv. *Quid animo satis?. Studi di filosofia e scienze*

umane in onore di L. Gentile., Roma, pp. 145-190.

2007 “Goodbye Gettier”, unpublished manuscript, pp. 1-17.

ANCIENT PHILOSOPHY ARTICLES

2020 “Platone e la comprensione matematica”, in G. Lolli (ed.), *L'arte di pensare. Matematica e filosofia*, Utet, pp. 40-61.

2012a “Plato and the dice. A reassessment of *Theaetetus* 154a-155d”, *The Cambridge Classical Journal*, 58, Cambridge University Press, pp. 231-256.

2012b “Platone e la confutazione” in R. Chiaradonna (ed.), *Il Platonismo e le scienze*, Carocci, Rome, pp. 25-43.

2011 “Una nota sulla confutazione socratica” in Aa.Vv. *Logica, ontologia ed etica*. Franco Angeli, Milano 2011, pp. 483-95.

ENCYCLOPAEDIA ARTICLES AND ENTRIES

2015 “La logica dell'Ottocento” in U. Eco e R. Fedriga, *La filosofia e le sue storie: L'età contemporanea*, Laterza, Roma-Bari, pp. 180-185.

2015b “La filosofia dei matematici” in U. Eco e R. Fedriga (a cura di) *La filosofia e le sue storie: L'età contemporanea*, Laterza, Roma-Bari, pp. 521-525.

2013 “La logica e i fondamenti della matematica tra Ottocento e Novecento” in *Il contributo italiano alla storia del pensiero. Scienze. Ottava appendice*, Istituto dell'Enciclopedia italiana, Roma, pp. 476-488.

2008 “Analogia”; “Assioma”; “Assiomatizzazione”. Treccani Filosofia, Istituto dell'Enciclopedia italiana, Roma, 2008 (pp. 35-36; 78-80; 80-1).

SELECTED CONFERENCE PRESENTATIONS & TALKS

2021 Accademia Nazionale dei Lincei. Centro Linceo Interdisciplinare “Beniamino Segre”. “Sui limiti del calcolabile: informazione, conoscenza, natura umana”. 13 April 2021.

2019a “Partial truths in classical logic”. 1st SNS Pisa-MCMP-Meeting. Munich Center for Mathematical Philosophy (MCMP), Munich, 27 May.

2019b “A New Approach to Proof-Theoretic Semantics for Classical Logic”. Conference “Proof-Theoretic Semantics. Assessment and Future Perspectives”. Third Tübingen Conference on Proof-Theoretic Semantics, 28 March.

2016a “Logical commitments in belief revision”. Invited speaker. Symposium “Theoretical Frameworks of Psychology”. ICP 2016-The 31th Congress of Psychology, Yokohama, Japan, 28 July.

2016b “What does Arrow's information paradox say (to philosophers)”. IACAP 2016- International Association for Computing and Philosophy. Keynote speaker. University of Ferrara, June 14.

2016b “Le conseguenze di Gödel”, University of Rome “La Sapienza”, Dipartimento di Filosofia, Science & Philosophy Colloquia, May 11.

2015a “Logic, belief revision, and Koznyshev's thesis”. Conference: “Rationality and its Rivals”, Philosophy and Religious Studies Programme, University of Macau, China, December 10.

2015b “On the maximality of classical logic”, Conference: “General Proof Theory”, University of Tübingen, November 29.

- 2015c “Crossing the bridge between classical and non-classical logics’, Department of Philosophy, Lingnan University, Hong Kong, October 19.
- 2015d “Logical pluralism and empirical knowledge”. Conference: “Formalized and empirical approaches between Physics, Biomedicine, and Cognitive Science”, University of Sassari, Alghero, July 10.
- 2015e “How logic does unify logics”, *MBR’015*, Symposium: “Models of logic: mathematics, economics, linguistics, and cognitive sciences”. Sestri Levante, June 26
- 2014 “Incompleteness and the flow of truth”. Conference: “Philosophy of Mathematics: Objectivity, Cognition, and Proof”, San Raffaele University, May 30.
- 2014 “The evolutionary origin of logic: some hypotheses”, Department of Psychology, University of Hong Kong, January 13.
- 2013a “The evolution and function of reasoning”. Workshop: “Natural Cognition: Logic, Evolution, Organisms”, Department of Philosophy and Religious Studies, University of Macau, China, December 15.
- 2013b “A logical calculus for controlling monotonicity”, Université Paris Diderot - Paris 7, November 28 2013.
- 2013c “Strange Case of Dr. Soundness and Mr. Consistency”, LOGICA 2013, Hejnice Monastery (Czech Republic), June 20.
- 2011a “Deflationism, Incompleteness, and ω -rule”, Université Paris 1 Panthéon-Sorbonne, Projet “Vérité et Preuves”, October 22.
- 2011b “A new approach to non-monotonicity”, Université Bordeaux 1, Laboratoire Bordelais de Recherche en Informatique, October 21.
- 2011c “Identifying proofs: logic, geometry, cognition”. Workshop: “Truth, Proof and Consequence. Perspectives on Logic”, University of Pisa, February 28.
- 2007a “Logical Proofs through von Neumann Algebras”. Boston University (Center for Philosophy and History of Science). Trends in Italian Philosophy of Science, September 12.
- 2007b “Elementary Complexity into the Hyperfinite II_1 factor \mathcal{R} ”, Computation and Logic in the Real World, CiE 2007. Siena, June 20.
- 2003 “Towards a Geometry of Language”, Utrecht University. Conference: “Logic, Mathematics and Linguistics”, June 13.
- 2000 “Why Mathematics is (reasonably) effective”. University of Bonn, *Euroconference* on “Applications of Mathematical Logic in Philosophy and Linguistics”, November 12.
- 1998 “Linguistics and Proof-Theory”, Rennes, INRIA, Workshop: “New Perspectives in Logic and Formal Linguistics”, July 18.
- 1996 “Quantales and Structural Rules”, University of Warsaw, Department of Mathematics, January 9.
- 1995 “Proof-Theory and the Flow of Information”. University of Florence, Conference “Proof-Theory for Natural Languages”. *10th International Congress of Logic, Methodology and Philosophy of Science*, August 21.

PARTICIPATION IN NATIONAL & INTERNATIONAL PROJECTS

- 2012-2014 Participant of the Project “Human reasoning: the logic of metacognition”, financed by the University of Macau.
- 2008-2010 Participant of the Project “Control and Certification of Resource Usage”, cofinanced by Italian Ministry for University and Research.
- 2006-2007 Participant of the Bilateral Project CNR/CNRS “Interaction and Complexity”.
- 2005-2006 Participant of the Project “Logical Foundations of Abstract Programming Languages”,

cofinanced by Italian Ministry for University and Research.

- 2002-2004 Participant of the Action de Recherche Coopérative de l'INRIA "The acquisition of categorical grammars".
- 2003-2004 Participant of the Project "From Proof to Computation through Linear Logic", cofinanced by Italian Ministry for University and Research.
- 2001-2004 Participant of the Project "Dynamics of Computational Processes", Istituto per le Applicazioni del Calcolo CNR.
- 2001-2002 Participant of the Project 'Linear Logic and beyond', cofinanced by Italian Ministry for University and Research.
- 1998-2002 Participant of the Project UE TMR "Linear Logic in Theoretical Computer Science".
- 1998-1999 Participant of the French – Italian Project *Galileo*: "The use of non commutative linear logic for the syntax of Romance languages".
- 1993-1994 Participant of the Esprit BRA project 6852: "Dynamic interpretation of natural language".

MEMBERSHIP IN SCHOLARLY ASSOCIATIONS

SILFS (Italian Society for Logic and Philosophy of Sciences);
AILA (Italian Association of Logic and Applications);
FOLLI (European Association for Logic, Language and Information);
Scandinavian Logic Society;
Swiss Society for Logic and Philosophy of Science;
LIGC (Logique et Interaction: vers une Géométrie de la Cognition);
Roman Group for Logic and Geometry of Cognition, University of Rome III (<http://logica.uniroma3.it>);
Italian Network for the Philosophy of Mathematics (<http://filmatnetwork.com>)
RES VIVA, Centro Interuniversitario di Ricerche Epistemologiche e Storiche sulle Scienze del Vivente.

TEACHING ACTIVITIES

UNDERGRADUATE COURSES

- Introductory logic
- Formal methods in philosophy
- Introduction to theoretical computer science
- Introduction to epistemology.

GRADUATE COURSES

- Advanced logic
- Philosophy of mathematics
- Philosophy of logic
- Proof-theory
- Philosophy of science
- Computability theory

- Skepticism in epistemology
- Mid-20th Century Analytic Philosophy

PHD PROGRAMS

- Advanced proof-theory
- Substructural logics and context-sensitiveness
- Incompleteness phenomena
- Truth and paradoxes
- The concept of necessity
- Philosophical problems in logic
- Diagrammatic reasoning
- Plato's *Theaetetus*
- Logic in linguistics.

SUMMER SCHOOL COURSES

History and philosophy of logic (AILA Summer School, Gargnano, Italy, August 2019).

STUDENTS

2000- Supervised 36 master's theses, and 21 PhD dissertations in logic, proof-theory and philosophy of mathematics.

SUPERVISOR OF RESEARCH GRANTS

2021-2022 Supervisor of a research grant «*quod erat videndum*: heuristic, logical and cognitive aspects of diagrams in mathematical reasoning» (SNS).

2018-2019 Supervisor of a research grant as part of the research program «The implicit commitment of mathematical theories through intensional notions» (SNS).

2010-2012 Supervisor of a biennial research grant in proof-theory. (University of Chieti-Pescara).

PROFESSIONAL SERVICE

2021 Reviewer for the Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR), Program for the Evaluation of Research Quality (VQR 2015-2019)

2018-2021 Member of the Committee for the National Scientific Qualification ("Abilitazione Scientifica Nazionale", ASN) in *Logic and Philosophy of Science*.

2021- Member of the editorial board of *Annals of Mathematics and Philosophy*.

2018- Member of the editorial board of *Annali della Scuola Normale Superiore di Pisa. Classe di Lettere e Filosofia*.

2016 Chair of *FilMat2016*: "Philosophy of mathematics: truth, existence and explanation", Chieti, May 26-28.

2016- Reviewer for *Mathematical Reviews*.

2015- Expert Peer-Reviewer for Italian Scientific Evaluation.

2015 Promotion and tenure committees member for Lingnan University, Hong Kong.

- 2003- External examiner for doctoral theses at Utrecht University (2003), University of Rome “La Sapienza” (2005; 2006), University of Roma Tre (2006), University of Genoa (2009), University of Siena (2010), University of Urbino (2012), Université Paris Diderot - Paris 7 (2013), University of Turin (2014), Scuola Normale di Pisa (2015). Ph.D. admissions committee, University of Florence (and Pisa) (2015; 2019).
- Member of the programme committee and/or referee for many international conferences and workshops in Logic and Philosophy of Mathematics.
- Journal Refereeing: *Fundamenta Informaticae*, *Studia Logica*, *Reports on Mathematical Logic*, *Bulletin of the Section of Logic*, *Logic Journal of the IGPL*, *Journal of Logic and Computation*, *Mathematical Structures in Computer Science*, *Research on Language and Computation*, *Journal of Applied Non-Classical Logics*, *Synthese*, *Erkenntnis*, *Philosophical Studies*, *Topoi*, *Apeiron*, *European Journal for Philosophy of Science*, *Entropy*, *Progress in Biophysics and Molecular Biology*, *Briefings in Bioinformatics*.
- Referee for contributions to books published with Kluwer, Springer, Ontos, Oxford University Press, de Gruyter.
- External reviewer for the University of Catania, FIR 2014.
- 2012-2013 Reviewer for the Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR), Program for the Evaluation of Research Quality 2004-2010 (VQR 2004-2010).
- 2002-2016 Member of the editorial board of *L&PS - Logic and Philosophy of Science. An electronic journal* (www.units.it/~episteme/).
- DEPARTMENTAL AND UNIVERSITY SERVICE AT UNIVERSITY OF CHIETI-PESCARA.
- 2013-2018 Member of the Ph.D. Committee programme in ‘Human Sciences’.
- 2013 Member of the Committee on the redesign of the Ph.D. programme in ‘Human Sciences’.
- 2008-2013 Faculty Delegate for the Socrates/Erasmus Program.
- 2005-2012 Member of the PhD Committee programme in ‘Logic, Ontology and Ethics’.
- 2008-2011 Member of the Departmental Committee (Giunta), Department of Philosophy.
- 2002-2005 Computing Resources Committee.