

VIOLA SCHIAFFONATI

Curriculum Vitae

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Dipartimento di Elettronica, Informazione e Bioingegneria
Politecnico di Milano
Via Ponzio 34/5
20133 Milan
Italy

(ph): +39 0223993622
(fax) +39 0223993411

viola.schiaffonati@polimi.it

RESEARCH PROFILE

Specialization: Philosophy of Science and Technology, Philosophy of AI and Robotics, Philosophy of Computer Science, Philosophy and Engineering.

Competence: Epistemology, Computer Ethics.

EDUCATION

- May 2004 **Doctoral degree in Philosophy-Philosophy of Science** - Università degli Studi di Genova (Italy).
- April 1999 **Laurea degree** (equivalent to a master degree) *summa cum laude in Philosophy* - Università degli Studi di Milano (Italy).
- July 1993 **“Diploma” degree in Classical Studies** - Liceo-Ginnasio Statale G. Berchet, Milan (Italy).

ACADEMIC APPOINTMENTS

- 2014- **Associate Professor of Logic and Philosophy of Science**, Dipartimento di Elettronica, Informazione e Bioingegneria, Politecnico di Milano, Italy.
- 2010-2014 **Assistant Professor**, Dipartimento di Elettronica, Informazione e Bioingegneria, Politecnico di Milano, Italy (maternity leave from September 2010 to February 2011).
- 2006-2010 **Research Associate**, Dipartimento di Elettronica e Informazione, Politecnico di Milano, Italy (maternity leave from October 2007 to March 2008).
- 2005-2010 **Post-doc researcher**, Istituto di Tecnologie della Comunicazione, Facoltà di Comunicazione, Università della Svizzera Italiana, Switzerland.
- 2004-2005 **Post-doc researcher**, Istituto di Filosofia Applicata, Facoltà di Teologia di Lugano, Switzerland.
- 2000-2001 **Visiting scholar**, Department of Philosophy, University of California at Berkeley, USA.
- 2000-2004 **Graduate student** in Philosophy-Philosophy of Science, Università degli Studi di Genova and Università degli Studi di Milano, Italy.

1999- **Member** of the Politecnico di Milano Artificial Intelligence and Robotics Laboratory, Politecnico di Milano, Italy.

MOBILITY

January 2019 **Visiting Professor** at Dipartimento di Ingegneria dell'Informazione, Università di Pisa, invited by Giuseppe Anastasi.

January 2018 **Visiting Professor** at Friedrich-Alexander-Universität Erlangen-Nürnberg Lehrstuhl für Wirtschaftsinformatik, invited by Dr. Albrecht Fritzsche.

November 2016 **Visiting scholar** at Department of Technology, Policy and Management, Philosophy Section, TU Delft, invited by Prof. Neelke Doorn.

December 2006 **Visiting scholar** at CSLI, Stanford University, USA, invited by Prof. Patrick Suppes.

October 2005 **Visiting researcher** at the Suppes Center for the Interdisciplinary Study of Science and Technology, Stanford University, USA.

October 2004 **Visiting scholar** at CSLI, Stanford University, USA, invited by Prof. Patrick Suppes.

August 2002 **Visiting scholar** at CSLI, Stanford University, USA, invited by Prof. Patrick Suppes.

2000-2001 **Visiting scholar** at the Department of Philosophy, University of California at Berkeley, USA, invited by Prof. Paolo Mancosu.

GRANTS, FELLOWSHIPS AND AWARDS

2005 Grant to visit the Suppes Center for the Interdisciplinary Study of Science and Technology, Stanford University, USA.

2005 Prize “Premio di filosofia: viaggio a Siracusa”: special mention for the doctoral thesis, Collegio Siciliano di Filosofia e Istituto Studi Filosofici, Italy.

2000-2001 Rotary Foundation scholarship to spend an academic year in a United States university.

2000-2004 Four years scholarship by the Italian Ministry of Education to participate to the Doctoral program in Philosophy-Philosophy of Science at Università degli Studi di Genova, Italy.

PUBLICATIONS

Monographs

1. Schiaffonati, V. (2020). *Robot, Computer ed Esperimenti*, Meltemi, Milano.
2. Ferrario, R., Schiaffonati, V. (2012). *Formal Methods and Empirical Practices. Conversations with Patrick Suppes*, CSLI Publications, Stanford (CA). Review in Campaner, R. (2016). “Roberta Ferrario and Viola Schiaffonati: Formal Methods and Empirical Practices: Conversations with Patrick Suppes”, *Axiomathes* DOI 10.1007/s10516-016-9311-5.

Edited Volumes

1. Amigoni, F., Schiaffonati, V. (2014). *Methods and Experimental Techniques in Computer Engineering*, SpringerBriefs in Applied Sciences and Technology, Springer.
2. Di Bernardino, E., Lucchetti, R., Schiaffonati, V. (2011). *Temi filosofici dell'ingegneria e della scienza*, Maggioli Editore, Santarcangelo di Romagna.
3. Danielli, A., Schiaffonati, V. (2008). *Le forme della mente. Percorsi multidisciplinari tra modularismo e connessionismo*, il Mulino, Bologna.

Edited Volumes (Parts)

1. Amigoni, F., Schiaffonati, V. (2017). *Springer Handbook of Model-Based Science*, Part G- Modelling and Computational Issues, Springer, p. 693-837.

Articles in Peer-Reviewed Journals

1. Datteri, E., Schiaffonati, V. (2019). "Robotic Simulations, Simulations of Robots", *Minds and Machines*, 29(1), 109-125.
2. Amigoni, F., Schiaffonati, V. (2018). "Ethics for robots as experimental technologies: Pairing anticipation with exploration to evaluate the social impact of robotics", *IEEE Robotics and Automation Magazine*, 25(1), p. 30-36.
3. Amigoni, F., Luperto, M., Schiaffonati, V. (2017). "Toward generalization of experimental results for autonomous robots", *Robotics and Autonomous Systems*, Elsevier, 90, p. 4-14.
4. Schiaffonati, V. (2016). "Stretching the Traditional Notion of Experiment in Computing: Explorative Experiments", *Science and Engineering Ethics*, Springer, 22(3), p. 647-665.
5. Schiaffonati, V., Verdicchio, M. (2016). "Rethinking Experiments in a Socio-Technical Perspective: The Case of Software Engineering", *Philosophies*, 1(1), p. 87-101; doi:10.3390/philosophies1010087.
6. Pelillo, M., Scantamburlo, T., Schiaffonati, V. (2015). "Pattern recognition between science and engineering: A red herring?", *Pattern Recognition Letters*, Elsevier, 64, p.3-10.
7. Amigoni, F., Bastianelli, E., Berghofer, J., Bonarini, A., Fontana, G., Hochgeschwender, N., Iocchi, L., Kraetzschmar, G., Lima, P., Matteucci, M., Miraldo, P., Nardi, D., Schiaffonati, V. (2015). "Competitions for Benchmarking: Task and Functionality Scoring Complete Performance Assessment", *Robotics & Automation Magazine*, IEEE, 22(3), p. 53-61.
8. Schiaffonati, V., Verdicchio, M. (2014). "Computing and Experiments", *Philosophy & Technology*, Springer, 27(3), p. 359-376.
9. Schiaffonati, V. (2010). "Computer simulations ed esperimenti *in virtuo*", *Mondo Digitale*, 34, June 2010, 3-12.
10. Amigoni, F., Reggiani, M., Schiaffonati, V. (2009). "An Insightful Comparison between Experiments in Mobile Robotics and in Science", *Autonomous Robots*, Springer, 27(4), p. 313-325.
11. Amigoni, F., Schiaffonati, V. (2009). "The Minerva System: A Step Toward Automatically Created Virtual Museums", *Applied Artificial Intelligence*, Taylor & Francis 23(3), p. 204-232.
12. Amigoni, F., Schiaffonati, V. (2008). "A Multiagent Approach to Modelling Complex Phenomena", *Foundations of Science*, Springer, 13(2), p. 113-125.

13. Amigoni, F., Schiaffonati, V. (2007). "The Multiagent Technology and Paradigm Within Scientific Discovery", *International Journal on Artificial Intelligence Tools*, World Scientific, 16(2), p. 219-242.
14. Schiaffonati, V. (2006). "Riflettere sui dettagli della scienza: Patrick Suppes e i modelli", *Epistemologia*, XXIX, p. 239-266.
15. Amigoni, F., Schiaffonati, V. (2004). "Artificial Intelligence for Automatic Museum Organization", *Politecnico*, Politecnico di Milano, 8, 2004, p. 138-143.
16. Amigoni, F., Schiaffonati, V. (2004). "The Minerva Multiagent System for Museums Organization". *Intelligenza Artificiale*, Associazione italiana per l'intelligenza artificiale (AI*IA), 1(1), February 2004, p. 39-43.
17. Amigoni, F., Gatti, N., Schiaffonati, V. (2003). "Marco Somalvico's Legacy on Multiagent Systems", (invited). *AI*IA Notizie*, Associazione italiana per l'intelligenza artificiale (AI*IA), 16(3), p. 78-81.
18. Schiaffonati, V. (2003). "A Framework for the Foundation of the Philosophy of AI", *Minds and Machines, Special Issue on the Philosophy of Information*, Springer, 13(4), p. 537-552.
19. Amigoni, F., Schiaffonati, V., Somalvico, M. (2003). "The Bipolar Man Framework for Human-Centred Intelligent Systems", *International Journal of Knowledge-Based Intelligent Engineering Systems*, KES International, 7(1), p. 23-29.
20. Amigoni, F., Schiaffonati, V., Somalvico, M. (2002). "Multiagent System Based Scientific Discovery Within Information Society", *Mind & Society, Special Issue on Scientific Discovery: Model-Based Reasoning*, Rosenberg & Sellier, Fondazione Rosselli, 3(5), p. 111-127.
21. Amigoni, F., Schiaffonati, V., Somalvico, M. (2000). "A Multilevel Architecture of Creative Dynamic Agency", *Foundations of Science*, Kluwer Academic Publisher, 5(2), p. 157-184.
22. Amigoni, F., Schiaffonati, V., Somalvico, M. (1999). "Processing and Interaction in Robotics", *Sensors and Actuators A: Physical*, Elsevier, 72(1), p. 16-26.

Articles in Peer-Reviewed Volumes

1. Schiaffonati, V. (2018). "Philosophy of Engineering and the Quest for a Novel Notion of Experimentation" in Fritzsche, A., Oks, S. J. (eds.) *The Future of Engineering*, Springer, 89-103.
2. Amigoni, F., Schiaffonati, V. (2018). "Robotic competitions as experiments" in Friederich, A., Gehring, P., Hubig, C., Kaminski, A., Nordmann, A. (eds.) *Arbeit und Spiel, Jahrbuch Technikphilosophie 2018*, Nomos, p. 119-138.
3. Schiaffonati, V., Verdicchio M., (2018). "What Do Bridges and Software Tell Us about the Philosophy of Engineering?". In: Mitcham C., LI B., Newberry B., ZHANG B. (eds.) *Philosophy of Engineering, East and West*. Boston Studies in the Philosophy and History of Science, vol 330. Springer, Cham, 137-148.
4. Amigoni, F., Schiaffonati, V. (2017). "Models and Experiments in Robotics" in Magnani, L. Bertolotti, T. (eds.) *Springer Handbook of Model-Based Science*, Springer, p. 799-815.
5. Amigoni, F., Schiaffonati, V. (2016). "Explorative Experiments in Autonomous Robotics" in Magnani, L., Casadio, C. (eds.), *Model-Based Reasoning in Science and Technology, Logical, Epistemological, and Cognitive Issues*, SAPERE, Springer, p. 585-599.
6. Amigoni, F., Schiaffonati, V. (2014). "Autonomous Mobile Robots as Technical Artifacts: A Discussion of Experimental Issues" in Magnani, L. (ed.), *Model-Based Reasoning in Science and Technology Theoretical and Cognitive Issues*, SAPERE 8, Springer, p. 527-542.
7. Amigoni, F., Schiaffonati, V., Verdicchio, M. (2014). "Good Experimental Methodologies for Autonomous Robotics: From Theory to Practice" in Amigoni, F., Schiaffonati, V. (eds.), *Methods and Experimental Techniques in Computer Engineering*, SpringerBriefs in Applied Sciences and Technology, Springer, p. 37-53.

8. Schiaffonati, V. (2013). “Future Reflective Practitioners: The Contributions of Philosophy” in Michelfelder et al. (eds.), *Philosophy and Engineering: Reflections on Practice, Principles and Processes*, Philosophy of Engineering and Technology 15, Springer, p. 79-90.
9. Schiaffonati, V., Verdicchio M. (2013). “The Influence of Engineering Theory and Practice on Philosophy of AI” in Müller, V. C. (ed.), *Philosophy and Theory of Artificial Intelligence*, SAPERE 5, Springer, p. 375-388.
10. Amigoni, F., Schiaffonati, V. (2010). “Good Experimental Methodologies and Simulation in Autonomous Mobile Robotics” in Magnani, L., Carnielli, W., Pizzi, C. (eds.), *Model-Based Reasoning in Science and Technology*, Springer, p. 315-332.
11. Amigoni, F., Schiaffonati, V. (2007). “Multiagent-Based Simulation in Biology” in Magnani, L., Li, P. (eds.), *Model-Based Reasoning in Science, Technology, and Medicine*, Studies in Computational Intelligence, vol. 64, Springer, p. 179-191.
12. Schiaffonati, V. (2005), “Intelligenza artificiale e information design. Progettare la comunicazione in più dimensioni per modellare un ambiente formativo” in Fioresi, I. (ed.), *Multimedialità cognitiva*, Utet, p. 267-272.
13. Colombetti, M., Schiaffonati, V. (2004). “Computo ergo sum. Un’introduzione ai modelli computazionali della coscienza” in Galati, D., Tinti, C. (eds.), *Prospettive sulla coscienza*, Carocci, p. 159-183.
14. Schiaffonati, V. (2004). “Etica nella cultura tecnica. Tecnica e cultura della responsabilità” in Bertoldini, M. (ed.), *La cultura politecnica*, Bruno Mondadori, p. 138-142.
15. Somalvico, M., Amigoni, F., Schiaffonati, V. (2003). “Intelligenza Artificiale” (invited article). In Petruccioli, S. (director); *Storia della scienza vol. IX*, Istituto della Enciclopedia Italiana, p. 615-624.
16. Amigoni, F., Schiaffonati, V., Somalvico, M. (2001). “Dynamic Agency: Models for Creative Production and Technology Applications” in Riva, G., Davide, F. (eds.), *Communications Through Virtual Technology: Identity, Community, and Technology in Internet Age*, IOS Press, p. 167-192.

Articles in Peer-Reviewed Conference Proceedings

1. Schiaffonati, V. (2017). “Experimenting with computing and in computing: Stretching the traditional notion of experimentation”, *Proceedings of the 14th European Conference on Artificial Life 2017 (ECAL 2017)*, MIT Press, p. 2-3.
2. Schiaffonati, V., Verdicchio, M. (2015). “The Science in Computer Science: In Search of New Frameworks”, *Preliminary Proceedings of the Third International Conference on the History and Philosophy of Technology (HaPoC 2015)*, Pisa University Press, p. 85-86.
3. Amigoni, F. Luperto, M., Schiaffonati, V. (2014). “Toward Generalization of Experimental Results for Autonomous Robots”, *Proceedings of NRF-IAS (Workshop on New Research Frontiers for Intelligent Autonomous Systems)* - ISBN:9788895872087, p. 1-7.
4. Schneider, S., Hegger, F., Ahmad, A., Awaad, I., Amigoni, F., Berghofer, J., Bischoff, R., Bonarini, A., Dwiputra, R., Fontana, G., Iocchi, L., Kraetzschmar, G., Lima, P., Matteucci, M., Nardi, D., Schiaffonati, V. (2014). “The RoCKIn@Home Challenge”, *Atti della “45th International Symposium on Robotics (ISR/Robotik 2014)”*, Monaco, Germania, June 2-3 2014, p. 321-327.
5. Schneider, S., Hegger, F., Ahmad, A., Awaad, I., Amigoni, F., Berghofer, J., Bischoff, R., Bonarini, A., Dwiputra, R., Fontana, G., Iocchi, L., Kraetzschmar, G., Lima, P., Matteucci, M., Nardi, D., Schiaffonati, V. (2014). “The RoCKIn@Work Challenge”, *Proceeding of “45th International Symposium on Robotics (ISR/Robotik 2014)”*, Monaco, Germania, June 2-3 2014, p. 328-333.
6. Schiaffonati, V., Verdicchio, M. (2012). “What Bridges and Software Tell Us about Philosophy of Engineering”, *Proceedings of “jPET-2012”*, University of Chinese Academy of Sciences, China, November 2-4 2012, p. 101-102.

7. Schiaffonati, V., Verdicchio, M. (2011). "Is Computer Science Made Scientific by its Experiments?", *Proceedings of "History and Philosophy of Computing"*, Ghent University, Netherlands, November 7-10 2011, p. 79-82.
8. Schiaffonati, V. (2009). "Future Reflective Practitioners: The Contribution of Philosophy", *Proceedings of "SPT 2009" Converging Technologies, Changing Societies (16th International Conference of the Society for Philosophy and Technology)*, University of Twente, Netherlands, July 8-10 2009, p. 232-233.
9. Schiaffonati, V. (2008). "From Philosophy of Science to Philosophy of Engineering: The Case of AI", *Proceedings of "WPE – 2008" (Workshop on Philosophy and Engineering)*, Royal Academy of Engineering, London, UK, November 10-13 2008, p. 46-47.
10. Amigoni, F., Della Torre, S., Schiaffonati, V. (2006). "Yet Another Version of Minerva: The Isola Comacina Virtual Museum", *Proceedings of "ECAI2006 (Seventeen European Conference on Artificial Intelligence) Workshop on Intelligent Technologies for Cultural Heritage Exploitation"*, Università di Trento, Riva del Garda, Italy, August 28 2006, p. 1-5.
11. Amigoni, F., Schiaffonati, V. (2005). "Machine Ethics and Human Ethics: A Critical View". *Proceedings of AAAI Fall Symposium, Technical Report FS-05-06*, AAAI Press, Arlington (VA), USA, November 4-6 2005, p. 103.
12. Amigoni, F., Schiaffonati, V. (2005). "A New Version of Minerva for Organizing Archeological Museums", *Atti dell'AI*LA (Associazione Italiana per l'Intelligenza Artificiale), Workshop on Cultural Heritage*, Centro Copie Bicocca Editrice, Milano, Italy, 2005.
13. Amigoni, F., Schiaffonati, V. (2005). "Using Artificial Intelligence for Supporting Museum Organization", *Atti del Multimedia.information@design for cultural heritage*, Aracne Editrice, Roma, Italy, 2005, p. 127-131.
14. Amigoni, F., Schiaffonati, V. (2003). "The Minerva Multiagent System for Supporting Creativity in Museums Organization.". *Proceedings of "IJCAI2003 (Eighteenth International Joint Conference on Artificial Intelligence) Workshop on Creative Systems: Approaches to Creativity in AI and Cognitive Science"*, IJCAI, Acapulco, Mexico, August 9-10 2003, p. 65-74.
15. Amigoni, F.; Schiaffonati, V. (2003). "The Minerva Multiagent System for Museum Organization". *Atti del "AI*LA (Associazione italiana per l'intelligenza artificiale) Workshop on Artificial Intelligence for the Cultural Heritage"*, Servizio Editoriale Universitario di Pisa, Italy, September 23 2003, p. 55-59.
16. Amigoni, F., Schiaffonati, V., Somalvico, M. (2002). "A Theoretical Approach to Human-Robot Interaction Based on the Bipolar Man Framework". *Proceedings of "Eleventh IEEE International Workshop on Robot and Human Interactive Communication 2002 (ROMAN2002)"*, IEEE Press, Berlin, Germany, September 25-27 2002, p. 183-188.
17. Amigoni, F., Schiaffonati, V., Somalvico, M. (2002). "Multiagent Systems for Supporting and Representing Social Creativity in Science.". *Proceedings of "AISB'02 (The Society for the Study of Artificial Intelligence and Simulation of Behaviour) Symposium on Artificial Intelligence and Creativity in Arts and Science"*, The Society for the Study of Artificial Intelligence and Simulation of Behaviour, London, UK, April 3-5 2002, p. 3-11.
18. Amigoni, F., Schiaffonati, V., Somalvico, M. (2001). "Minerva: An Artificial Intelligent System for Composition of Museums". *Proceedings of "International Cultural Heritage Informatics Meeting (ICHIM01)" Volume 2 (Short Papers/Posters and Demos)*, Milan, Italy, Septemebr 3-7 2001, p. 389-398.
19. Amigoni, F., Schiaffonati, V., Somalvico, M. (2001). "Multiparadigmatic Cooperating Sensory Agents for Modelling Complex Systems" (invited article). *Proceedings of "First International Workshop on Advanced Environmental Sensing and Monitoring Technologies"*, Società Editrice Esculapio, Milan, Italy, June 26-28 2001, p. 35-39.
20. Amigoni, F., Schiaffonati, V., Somalvico, M. (1999). "Some Ethical Aspects of Agency Machines Based on Artificial Intelligence". *Proceedings of "Fourth ETHICOMP International Conference on Social and Ethical Impacts"*

of *Information and Communication Technologies*”, ISBN 88-900396-0-4 and Abstract Book, Luiss “Guido Carli”, Roma, Italy, October 6-8 1999, p. 1-2.

21. Amigoni, F., Schiaffonati, V., Somalvico, M. (1999). “Dynamic Agencies and Creative Scientific Discovery”. *Proceedings of “AISB’99 (The Society for the Study of Artificial Intelligence and Simulation of Behaviour) Symposium on Artificial Intelligence and Scientific Creativity*”, Edinburgh, UK, April 6-9 1999, p. 72-81.

Book Reviews

1. Schiaffonati, V. (2011). “Review of the book *Philosophy and Engineering. An Emerging Agenda*”, in *International Studies in the Philosophy of Science*, 25 (1), p. 89-92.
2. Arrighi, C., Schiaffonati, V. (2006). “Review of the book *Representation and Invariance of Scientific Structures*”, in Galavotti, M. (ed.), *Cambridge and Vienna, Frank. P. Ramsey and the Vienna Circle*, Vienna Circle Institute Yearbook 12, Springer, p. 229-235.

Refereed Conference Presentations

1. Amigoni, F., Schiaffonati, V. (2018). “*The Role of Prediction in Developing Artificial Intelligence Systems*”, MBR18 (Model-Based Reasoning in Science and Technology), Sevilla, October 24-26 2018.
1. Schiaffonati, V. (2017). “Engineering Knowledge and Experimental Method”, *SPT 2017 (Society for Philosophy of Technology Biannual Meeting)*, Darmstad, 14-17 giugno 2017.
2. Schiaffonati, V., Verdicchio, M. (2016). “Why a Techno-scientific Perspective Could Be Good for the Philosophy of Computer Science”, *IACAP 2016 (Annual Meeting International Association of Computing and Philosophy)*, Ferrara, June 14-17 2016.
3. Schiaffonati, V. (2016). “Philosophy of Engineering and the Quest for a Novel Notion of Experimentation”, *fPET 2016 (Forum on Philosophy, Engineering and Technology)*, Nurburg, May 18-20 2016.
4. Amigoni, F., Schiaffonati, V. (2015). “Explorative Experiments in Autonomous Robotics”, *MBR15 (International Conference in Model-Based Reasoning in Science and Technology. Theoretical and Cognitive Issues)*, Sestri Levante, Italy, June 25-28 2015.
5. Ferrario, R., Schiaffonati, V. (2015). “Suppes’ latest production: probabilistic empiricism and experimental practices beyond formal methods”, *15th Congress of Logic, Methodology and Philosophy of Science (CLMPS 2015)*, Helsinki, Finland, August 3-8 2015.
6. Schiaffonati, V., Verdicchio, M. (2014). “Rethinking Experiments in a Socio-technical Perspective: The Case of Software Engineering”, *IACAP (Annual Meeting International Association for Computing and Philosophy) 2014*, Anatolia College/ACT, Thessaloniki, Greece, July 2-4 2014.
7. Amigoni, F., Luperto, M., Schiaffonati, V. (2014). “Towards Generalization of Experimental Results for Autonomous Robots”. *LAS-13 (Thirteen International Conference on Intelligent Autonomous Systems) Workshop on “New Research Frontiers for Intelligent Autonomous Systems (NRF-LAS-2014)”*, Venezia, Italy, July 18-19 2014.
8. Amigoni, F., Bonarini, A., Fontana, G., Matteucci, M., Schiaffonati, V. (2014). “To What Extent are Competitions Experiments? A Critical View”. *ICRA2014 (IEEE International Conference on Robotics and Automation) Workshop on “Epistemological Issues in Robotics Research and Research Result Evaluation”*, Hong Kong, China, June 5 2014.
9. Pelillo, M., Scantamburlo, T., Schiaffonati, V. (2013). “Computer Science between Science and Technology: A Red Herring?”, *International Conference History and Philosophy of Computing*, Paris, October 28-31 2013.
10. Schiaffonati, V. (2012). “Role and Relevance of Experimentation in Informatics”, *Workshop “On the Role and Relevance of Experimentation in Informatics”*, *European Computer Science Summit*, Barcelona, November 19-22 2012.

11. Amigoni, F., Schiaffonati, V. (2012). “Autonomous Mobile Robots as Technical Artifacts: A Discussion of Experimental Issues”, *MBR12 (International Conference in Model-Based Reasoning in Science and Technology. Theoretical and Cognitive Issues)*, Sestri Levante, June 21-23 2012.
12. Amigoni, F., Schiaffonati, V., M. Verdicchio (2012). “An Analysis of Experimental Trends in Autonomous Robotics Papers”, *ICRA2012 (IEEE International Conference on Robotics and Automation) Workshop on “The Conditions for Replicable Experiments and Performance Comparison in Robotics Research”*, Saint Paul, May 18 2012.
13. Schiaffonati, V. (2011). “How Philosophy Can Enhance the Critical Abilities of Computer Engineering Students”, *7th European Computer Science Summit (ECSS 2011)*, Milan, November 8-9 2011.
14. Schiaffonati, V., Verdicchio, M. (2011). “The Influence of Engineering Theory and Practice on Philosophy of AI”, *Philosophy and Theory of Artificial Intelligence*, Thessaloniki, October 3-4 2011.
15. Amigoni, F., Reggiani, M., Schiaffonati, V. (2010). “Simulations Used as Experiments in Autonomous Mobile Robotics”, *ICRA2010 (IEEE International Conference on Robotics and Automation) Workshop on “The Role of Experiments in Robotics Research”*, Anchorage, May 3 2010.
16. Mazza, D., Schiaffonati, V. (2010). “Exploring the World: Why Computer Simulations are not Just Implemented Thought Experiments”, *International Workshop on Thought Experiments and Computer Simulations*, Paris, March 11-13 2010.
17. Carassa, A., Colombetti, M., Schiaffonati, V. (2009). “Joint Activities: A Deontic Approach”, *3rd Joint Action Meeting*, Amsterdam, July 27-29 2009.
18. Amigoni, F., Reggiani, M., Schiaffonati, V. (2009). “In Search of Good Experimental Methodologies in Robotics: Getting Inspiration from Natural Science?”, *EURON (European Robotics Research Network) 2009 Annual Meeting Workshop on “Good Experimental Methodology”*, Leuven, April 6 2009.
19. Amigoni, F., Reggiani, M., Schiaffonati, V. (2009). “To What Extent Are Robotic Experiments Experiments? On the Utility of Looking at the Philosophy of Science”, *ICAR2009 (the 14th International Conference on Advanced Robotics) Workshop on “Benchmarking in Mobile Robotics: State-of-the-Art, Open Challenges, and Research Roadmap”*, Munich, June 22 2009.
20. Schiaffonati, V. (2009). “Multiagent-based Simulations as *In Virtuo* Experiments: Strategies for Reliability”, *Models and Simulations 3*, University of Virginia, Charlottesville VA, March 6-8 2009.
21. Schiaffonati, V. (2006). “Representing and Experimenting: Toward an Epistemology of Computer Simulation”, *International Conference on Computing and Philosophy (ECAP’06)*, Trondheim, June 22-24 2006.
22. Amigoni, F., Schiaffonati, V. (2006). “Multiagent-Based Simulation in Biology: A Critical Analysis”. *International Conference on Model-Based Reasoning*, Sun Yat-sen University, Guangzhou, July 3-5 2006.
23. Amigoni, F., Schiaffonati, V. (2004). “A Multiagent Approach to Modelling Complex Phenomena”. *International Conference on Model-Based Reasoning in Science and Engineering (MBR04)*, Università di Pavia, Pavia, December 16-18 2004.
24. Amigoni, F., Gatti, N., Schiaffonati, V. (2003). “Marco Somalvico’s Legacy on Multiagent Systems”. *Workshop on Robotics in Memory of Marco Somalvico*, Padova, July 6 2003.
25. Amigoni, F., Schiaffonati, V., Somalvico, M. (2002). “The Bipolar Man Framework for Human-Centred Intelligent Systems”. *Sixth International Conference on Knowledge-Based Intelligent Information and Engineering Systems (KES2002)*, Università di Milano, Crema, September 16-18 2002.
26. Schiaffonati, V. (2002). “Agencies: a New Approach to the Foundation of Artificial Intelligence”. *Computing and Philosophy Conference (CAP02)*, Carnegie Mellon University, Pittsburgh (PA), August 8-10 2002.

27. Amigoni, F., Schiaffonati, V., Somalvico, M. (2001). “Multiagent System Based Scientific Discovery Within Information Society”. *International Conference on Model-Based Reasoning: Scientific Discovery, Technological Innovation, Values (MBR01)*, Università di Pavia, Pavia, May 17-19 2001.
28. Amigoni, F., Schiaffonati, V., Somalvico, M. (2001). “Common Sense and Knowledge Representation in Artificial Intelligence” (invited talk). *Tavola rotonda su Common Sense in Philosophy and Science*, Naples, November 8-9 2001.
29. Amigoni, F., Schiaffonati, V., Somalvico, M. (1998). “A Multilevel Architecture of Creative Dynamic Agency”. *International Congress of Model-based Reasoning in Scientific Discovery (MBR98)*, Università di Pavia, Pavia, December 17-19 1998.
30. Amigoni, F., Schiaffonati, V., Somalvico, M. (1998). “Dynamic Agencies and Creativity”. *International Congress on Discovery and Creativity*, Università di Ghent, Ghent, May 14-16 1998.

Technical Reports

1. Andujar, C., Schiaffonati, V., Schreiber, F., Tanca, L., Tedre, M., van Hee, K., van Leeuwen, J. (2013). *The Role and Relevance of Experimentation in Informatics*, Informatics Europe Technical Report.

Others Publications

1. Amigoni, F., Schiaffonati V. (eds.) (2012). *Marco Somalvico*, Maggioli Editore, Santarcangelo di Romagna.
2. Amigoni, F., Schiaffonati V. (2007). “IA e musei: L’allestimento automatico” in Bandini, S., Bordoni, L., Mantegari, G. (eds.), *Atti della “Winter School Intelligenza Artificiale nei Beni Culturali”*, ENEA, December 2007, p. 103-117.
3. Schiaffonati, V. (2004). Interview on “Intelligenza artificiale per i beni culturali” in Bordoni, L. (ed.), *Kermes la rivista del restauro*, Nardini Editore, Firenze, January-March 2004, p. 14-15.
4. Schiaffonati, V. (2003), “Simulazioni intelligenti: gli orizzonti dell’intelligenza artificiale”, *Golem*, March 2003.
5. Amigoni, F., Schiaffonati, V., Somalvico, M. (2001). “Il museo virtuale Minerva per il museo del design” in Moretti, D., Pallabazzer, J. A., Rebaglio A. (eds.); *Il Museo del Design di Milano: il museo della rete e la rete di musei*, POLI.design, p. 63-65.

INVITED TALKS AND ARTICLES

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| 2019 | Invited talk, <i>European Center of Living Technologies</i> , Università Ca’ Foscari Venezia, December 16 2019. |
| 2019 | Invited talk, workshop <i>Intelligenza Artificiale ed Etica</i> , Università degli Studi di Napoli, December 6 2019. |
| 2019 | Invited talk, <i>Summer School Philosophical Reflections on an AI Future</i> , Schweizerische Studienstiftung, Miglieglia (CH), July 7 2019. |
| 2019 | Invited talk, <i>Il bello di Unicam</i> , Università degli Studi di Camerino, June 12 2019. |
| 2019 | Invited talk, <i>Conference on Artificial Intelligence: Business, Law, Ethics and Rights across the Ocean</i> , International Summer School Law and Bilateral Trade, Università degli Studi di Milano e Université de Montréal, Università degli Studi di Milano, June 3 2019. |
| 2019 | Invited talk “Explorative Experiments in Computer Engineering”, <i>ETH Philosophy Colloquium</i> , ETH Zurich, May 29 2019. |

- 2019 Invited talk “Reproducibility in Artificial Intelligence: Experimentation in the Artificial”, *Séminaire Histoire et Philosophie de l’Informatique et du Calcul* (HEPIC), IHSP-T, Paris, April 10 2019.
- 2019 Invited participation *DigHum, Vienna Workshop on Digital Humanism*, Faculty of Informatics - TU Wien, April 4-5 2019.
- 2019 Invited talk “Computer, robot ed esperimenti: all’alba di un nuovo metodo sperimentale?”, *Laboratorio di Sociologia e Antropologia della Scienza*, Dipartimento di Filosofia, Università degli Studi di Milano, March 13 2019.
- 2019 Invited talk “Integrare epistemologia ed etica per affrontare la vulnerabilità dei sistemi robotici”, Workshop *Interconnettività e Resilienza*, Alma Mater Studiorum Università di Bologna, February 21 2019.
- 2019 Intervento talk “Etica e Intelligenza Artificiale”, *Cross-Lab*, Dipartimento di Ingegneria dell’Informazione, Università di Pisa, February 11 2019.
- 2018 Invited talk to the conference *A.I. am Human. Intelligenza artificiale e umana a confronto*, Università degli Studi di Milano Bicocca, 18 Novembre 2018.
- 2018 Invited talk to the conference *Europe Regulates Robotics*, Scuola Superiore Sant’Anna Pisa, September 27 2018.
- 2018 Invited talk to the presentation of the book *Filosofia della Scienza* by Maria Carla Galavotti and Raffaella Campaner, Alma Mater Università di Bologna, May 17 2018.
- 2018 Invited talk to the seminars series *Seminari di Cultura Matematica*, Politecnico di Milano, May 9 2018.
- 2018 Invited talk to the seminar series *Subjectivity, Self, and Self-Consciousness*, Università Cattolica di Milano, March 8 2018.
- 2018 Invited talk to the round table for the presentation of the book *Slow Tech* by Norberto Patignani and Diane Whitehouse, Centro Politeia, Università degli Studi di Milano, February 19 2018.
- 2018 Invited talk at *JOSEPHS*, Friedrich-Alexander-Universität Erlangen-Nürnberg e Fraunhofer IIS, Nuremberg January 23 2018.
- 2017 Keynote speaker at *ECAL 2017 the European Conference on Artificial Life*, Lyon, September 4- 8 2017.
- 2016 Invited talk to the workshop *The Humane Use of Machine Learning*, ECLT, Università Ca’ Foscari, Venezia, December 16 2016.
- 2016 Invited talk to the *Graduate Students Seminars* Department of Technology, Policy and Managment, TU Delft, November 22 2016.
- 2016 Invited talk for the *Philosophy Colloquium*, Department of Technology, Policy and Managment, Philosophy Section, TU Delft, November 21 2016.
- 2016 Invited talk for the series of seminars *InformEtica* Università degli Studi di Milano-Bicocca, April 19 2016.

- 2015 Invited talk to the workshop *In Silico Medicine*, IESE Business School Barcelona, June 3 2015.
- 2015 Invited talk to the workshop *Philosophical Aspects of Computer Science*, European Centre for Living Technology, Università Ca' Foscari, Venice, March 6 2015.
- 2015 Invited talk to the workshop *Robustness II – Engineering Science*, Campus Biomedico, Rome, February 5-6 2015.
- 2015 Invited talk to the ECM Course *Innovation in Infectious Diseases*, Istituto Nazionale per le Malattie Infettive Lazzaro Spallanzani, Rome, December 17-18 2015.
- 2015 Invited talk in the Master Program in *Comunicazione della Scienza e dell'Innovazione Sostenibile*, May 28 2015.
- 2014 Invited talk for the *Conference Scuola di Ingegneria e Architettura Alma Mater Studiorum Università di Bologna* for the volume presentation "*Scienza e tecnica nel settecento e nell'ottocento*", October 9 2014.
- 2014 Invited talk to the conference *From in Vitro to in Silico: Computer Simulations in the Life Sciences*, Institute for Advances Study on Media Cultures of Computer Simulation, Leuphana University Lüneburg, June 19-21 2014.
- 2014 Invited talk to the conference *New Technologies as Social Experiments*, Delft University, January 24-25 2014.
- 2012 Invited talk to the *Symposium on the Occasion of Patrick Suppes 90th Birthday*, Stanford University, March 11 2012.
- 2012 Invited talk "Good experimental methodologies in computing", DAIS Università Ca' Foscari di Venezia, January 27 2012.
- 2010 Invited talk to the workshop *Philosophy of Information and Computing Sciences*, Lorentz Center, Leiden, February 12 2010.
- 2009 Invited talk "To what extent are robotic experiments experiments? On the utility of looking at the philosophy of science", *Workshop on Benchmarking in Mobile Robotics, 14th International Conference on Advanced Robotics*, Munich, June 22 2009.
- 2007 Invited article for the volume *Enciclopedia della Scienza e della Tecnica*, Istituto della Enciclopedia Italiana, Roma, 2007.
- 2006 Invited talk "Between Philosophy and AI", Dalle Molle Institute for Artificial Intelligence (IDSIA), September 26 2006.
- 2004 Invited talk "Representing and Simulating: Toward an Epistemology of Computer Simulation", *Suppes Center for the Interdisciplinary Study of Science and Technology (SCISST)*, Stanford University, October 25 2004.
- 2004 Invited article for the volume *Prospettive sulla coscienza*, Carocci Editore, 2004.
- 2004 Invited talk "Intelligenza artificiale per i beni culturali", *Congresso Nazionale Intelligenza Artificiale per la Conservazione e il Restauro*, March 25 2004.
- 2004 Invited article for the journal *Kermes – La rivista del restauro*, 2004.
- 2003 Invited article for the journal *AI*LA Notizie*, 2003.
- 2003 Invited article for the volume *Storia della scienza vol. IX*, Istituto della Enciclopedia Italiana, 2003.
- 2003 Invited talk "Marco Somalvico's Legacy on Multiagent Systems", *Workshop on Robotics in Memory of Marco Somalvico*, July 6 2003.

- 2001 Invited paper for the volume *Communications Through Virtual Technology: Identity, Community, and Technology in Internet Age*, 2001.
- 2001 Invited talk “Senso comune e rappresentazione della conoscenza in intelligenza artificiale”, *Tavola Rotonda su Common Sense in Philosophy and Science*, November 9 2001.
- 2001 Invited talk “Aspetti antropologici dell’intelligenza artificiale”, *Congresso Nazionale Mathesis 2001. Per una nuova scuola: programmi, formazione e tecnologie alternative per l’insegnamento della matematica*, November 24 2001.
- 2001 Invited article for the journal *Sensors and Actuators: A Physical*, 2001.
- 2000 Invited talk “The Galileian Approach for the Representation of Knowledge in AI”, *Formal Reasoning Group*, Computer Science Department, Stanford University, November 15 2000.

RESEARCH GRANTS AND PROJECTS

- 2019-2021 Member of the European Project “AI4EU” (H2020).
- 2012-2015 Member of the European Project “Robot Competitions Kick Innovation in Cognitive Systems and Robotics” (FP7-EU-601012).
- 209-2014 Member of the Third European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics (EUCogIII).
- 2009-2012 Member of the Second European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics (EUCogII).
- 2007 Principal Investigator of the research “The Isola Comacina Virtual Museum”, funded by Italian National Council of Research (CNR).
- 2005 Principal Investigator of the research “Artificial Intelligence for Museums Organization”, funded by Italian National Council of Research (CNR).

PROFESSIONAL SERVICE

- 2020 Coordinator of the working group on Ethical/Social Impact of Informatics, Informatics Europe.
- 2020 Chair of the scientific committee of the IDEA League Doctoral School “Ethics of Science and Technology”, *RTWH Aachen, Chalmers University of Technology, TU Delft, ETH, Politecnico di Milano*, Aachen, Delft, Milano, February-June 2020.
- 2020 Member of the program committee of CiE (Computability in Europe) conference.
- 2019-2020 Director of CINI (National Interuniversity Consortium for Informatics) Laboratory Informatics & Society.
- 2019-2021 Coordinator of the Committee of the Code of Ethics and Conduct, Politecnico di Milano.
- 2019-2021 Member of the Ethical Advisory Board of the European Project AI4EU (H2020).

- 2019 Member of the steering committee of fPET (Forum on Philosophy, Engineering, and Technology).
- 2019 Member of the program committee of Hapoc (History and Philosophy of Computing) conference.
- 2018 Member of the scientific board and organizer (with Giuseppe Primiero) of the workshop “Philosophy and Technologies of simulations”, *Politecnico di Milano*, November 22-23 2018.
- 2017 Member of the scientific board and organizer, “Putting Ethics into Work: Educating the Future Professionals in Engineering, Architecture and Design”, November 8, 2018, Politecnico di Milano.
- 2018-today Chair of the Idea League Ethics working group.
- 2018-19 Member of the commission for the revision of the Code of Ethics and Conduct, Politecnico di Milano.
- 2018 Member of the program committee of “Analogical Reasoning in Science and Mathematics”, Munich Center for Mathematical Philosophy.
- 2018 Member of the program committee of Automotive 2018 International Conference of Electrical and Electronic Technologies for Automotive, Politecnico di Milano.
- 2018 Member of the program committee IFIP Summer School, Privacy and Identity Management, Vienna.
- 2018 Member of the scientific board and organizer (with Raffaella Campaner) of the workshop “For a bottom-up epistemology. A workshop in honour of Maria Carla Galavotti”, *CUEB*, June 7-9 2018.
- 2018-today Member of the steering council of HAPOC (Commission for the History and Philosophy of Computing).
- 2018 Member of the program committee of HAPOP 2018 Fourth Symposium on the History and Philosophy of Programming.
- 2017 Member of the scientific board and organizer, Ethics for Technological Innovation, Politecnico di Milano, October 19 2017.
- 2017 Member of the scientific board and organizer (with Andreas Kaminski, Micheal Resch and Giuseppe Primiero) of the summer school “On Computer Simulation Methods”, *High Performance Computing Center Stuttgart (HLRS)*, September 5-29 2017.
- 2017 Member of the program committee of Philosophy and Theory of Artificial Intelligence Conference (PT-AI 2017)
- 2017 Member of the Global Initiative for Ethical Consideration in the Design of Autonomous Systems, IEEE Standards Association.
- 2017-2019 Coordinator Member, CINI National Laboratory Computer Science and Society.
- 2017 Member of the IFIP Working Group on Social Accountability and Computing (WG9.2).

- 2017-today Member of META Social Sciences and Humanities for Science and Technology, Politecnico di Milano.
- 2016 Coordinator Member of EthosIT, Network for a Responsible and Ethical Computer Science.
- 2016 Referee for research and innovation activities at the *Provincia Autonoma di Trento* (IT).
- 2016 Member of the program committee of the *Forum on Philosophy, Engineering & Technology* (fPET-2016).
- 2014 Member of the program committee of *LACAP (International Association for Computing and Philosophy) Conference*.
- 2014 Member of the program committee of the *Forum on Philosophy, Engineering & Technology* (fPET-2014).
- 2013- Member of the editorial board of the *Journal of Experimental and Theoretical Artificial Intelligence*.
- 2013 Member of the program committee of the *Philosophy and Theory of Artificial Intelligence Conference* (PT-AI 2013).
- 2013- Editor in chief of the Scopus indexed journal *Mondo Digitale-rassegna critica del settore ICT*.
- 2012 Member of the program committee of the *Forum on Philosophy, Engineering & Technology* (fPET-2012).
- 2012 Organizer and chair of the workshop “On the Role and Relevance of Experimentation in Informatics”, *European Computer Science Summit*, Barcelona, November 19-22 2012.
- 2011 Member of the program committee of the *Philosophy and Theory of Artificial Intelligence Conference* (PT-AI 2011).
- 2010 Member of the program committee of the *Forum on Philosophy, Engineering & Technology* (fPET-2010).
- 2010 Referee for the *Austrian Science Fund* (FWF).
- 2004- Referee for *European Journal of Philosophy of Science, Minds and Machines, Philosophy & Technology, Mind&Society, Science and Engineering Ethics, Pattern Recognition Letters, Evolutionary Computation, ACM-CHI 2012, CogSci2014, Cognitive Processing, Cognitive Systems Research, Springer SAPERE*.
- 2000-2006 Member of the editorial board of *Networks - journal of the philosophy of artificial intelligence and cognitive sciences*.

PROFESSIONAL ACTIVITIES

- 2005-2007 Tutor for an interdisciplinary research project “Progetto Mente” for university students at Collegio di Milano, Collegio delle Università Milanesi.
- 2001 Qualification for teaching Philosophy and History in Italian high schools.

MEDIA AND OUTREACH

- 2019 D-Avengers Università Commerciale Luigi Bocconi. L'intelligenza artificiale e la metamorfosi del mondo in cui viviamo. Talk on "Etica e IA" (November 14 2019).
- 2019 Festival della tecnologia – Politecnico di Torino. Roundtable on Roboetica: una riflessione sugli aspetti etici, legali e sociali dei robot with Marcello Chiaberge e Gianmarco Veruggio (November 10 2019).
- 2019 Il futuro visto da qui – Dialoghi fra arte e scienza sul domani, Master in Comunicazione della Scienza e dell'Innovazione Sostenibile, Università degli Studi di Milano-Bicocca. Conversation with Marco Ponti su "L'era dei computer intelligenti" (October 24 2019).
- 2019 Corriere della Sera – Il tempo delle donne Triennale di Milano. Conversation with con Barbara Caputo on "La convivenza possibile fra umani e robot" (September 13 2019).
- 2019 Cities Coalition for Digital Rights – participation, privacy, data protection and security. Panel on Ethics, Technology and Rights, Palazzo Marino, Sala dell'Orologio, Comune di Milano (March 14 2019).
- 2019 Interview on Ethics and new technologies, journal Persone e Conoscenze, ESTE.
- 2019 Interview on Ethics and Robotics, Stampa Toscana.
- 2017 Video interview on the Ethics and Technology, Politecnico di Milano, Expert of the week.
- 2017 Tv Interview (Tgcom) on the Code of Ethics for Autonomous Vehicles (July 13 2017).
- 2017 CuriosaMente: Il mondo dei robot. A dialogue on robotic ethics with Domenico Sorrenti and Riccardo Oldani, Villa di Breme-Forno, Università degli Studi di Milano-Bicocca (May 25 2017).
- 2017 Tempo di Libri Milan 2017, Focus, Round table with Daniela Lucangeli and Margherita Fronte on Human Intelligence and Artificial Intelligence (April 21 2017).
- 2016 Radio interview (Radio Tre Scienza) on the history of Artificial Intelligence (January 20 2016).
- 2014 Video interview on the Turing Test, Politecnico di Milano, Expert of the week.

LANGUAGES

Italian (native), English (complete professional knowledge).

TEACHING

Courses as Instructor

- 2020-2012 Instructor of the course "*Philosophical Issues of Computer Science*", in the Master Program in Computer Engineering, School of Industrial and Information Engineering, Politecnico di Milano, Milan, Italy.
- 2020-2016 Instructor of the course "*Computer Ethics*", in the Master Program in Computer Engineering, School of Industrial and Information Engineering, Politecnico di Milano, Milan, Italy.
- 2020 Instructor of the interdoctoral course "*Ethics and Technology*", PhD School, Politecnico di Milano, Milano.

- 2020-2019 Instructor of the course “*Bioethics*”, in the Program in Medicine and Engineering, Politecnico di Milano and Humanitas University, Italy.
- 2020-2016 Co-instructor of the interdoctoral course “*Ethics in Research*”, PhD School, Politecnico di Milano, Milano.
- 2019 Course coordinator (with Simona Chiodo) of the interdoctoral course “*Empowering Imagination*”, Scuola di Dottorato di Ricerca, Politecnico di Milano.
- 2019 Instructor of the PhD course “*Computer Ethics*”, Università di Pisa, Dipartimento di Ingegneria dell’Informazione.
- 2018 Course coordinator (with Simona Chiodo) of the course “*Empowering Imagination*”, Idea League Summer School, Politecnico di Milano, Milano.
- 2018 Instructor of the PhD course “*Experimentation in the Digital World*”, Friedrich-Alexander-Universität Erlangen-Nürnberg Lehrstuhl für Wirtschaftsinformatik.
- 2018 Course coordinator and instructor of the interdoctoral course “*Ethics, Technology and Society*”, PhD School, Politecnico di Milano, Milano.
- 2015-2016 Instructor of the doctoral course “*Philosophy of Experimentation*”, for the Doctoral Program in Computer Science, Università Ca’ Foscari Venezia.
- 2015 Co-instructor (with Fabio A. Schreiber) of the Doctoral course “*Experimental methods and techniques in engineering*”, for the Doctoral School, Politecnico di Milano, Milan, Italy.
- 2013 Co-instructor (with Fabio A. Schreiber) of the Doctoral course “*Experimental methods and techniques in computer science and engineering*”, in the Doctoral Program in Information Technologies, Doctoral School, Politecnico di Milano, Milan, Italy.
- 2013 Course coordinator and instructor of the Doctoral course “*Mastering the leadership, organizational, and emotional challenges of a career in research and teaching*”, Doctoral School, Politecnico di Milano, Milano.
- 2012 Co-instructor (with Francesco Amigoni) of the Doctoral course “*Computing and Science: What Can They Do for Each Other?*”, in the Doctoral Program in Information Technologies, Doctoral School, Politecnico di Milano, Milan, Italy.
- 2011-2007 Instructor of the course “*Temi filosofici dell’informatica*”, in the Master Program in Computer Engineering, School of Information Engineering, Politecnico di Milano, Milan, Italy.
- 2009-2005 Instructor of the course “*Temi filosofici dell’ingegneria e della scienza*”, in the Master Program in Mathematical Engineering, School of System Engineering, Politecnico di Milano, Milan, Italy.
- 2007-2006 Co-instructor (with Francesco Amigoni) of the Doctoral course “*Technological Innovation and Artificial Intelligence for Cultural Heritage*”, in the Doctoral Program in Design and Technologies for Cultural Heritage, Politecnico di Milano, Milan, Italy.
- 2006 Co-instructor (with Marco Colombetti) of the Doctoral course “*Philosophical Foundations of Artificial Intelligence*”, in the Doctoral Program in Information Technologies, Politecnico di Milano, Milan, Italy.
- 2006 Instructor of the Doctoral course “*Philosophy of Science*”, in the PhD Program in Communication Sciences, Faculty of Communication Sciences, Università della Svizzera Italiana, Lugano, Switzerland.
- 2006 Instructor of the course “*Filosofia del design*” in the Program in Industrial Design, School of Design, Politecnico di Milano, Milan, Italy.

- 2006-2005 Instructor of the course “*Filosofia della natura, della scienza e della tecnica*”, Institute for Applied Philosophy, Facoltà di Teologia, Lugano, Switzerland.
- 2005-2003 Instructor of the course “*Epistemologia del progetto*”, in the Program in Industrial Design, School of Design, Politecnico di Milano, Milan, Italy.
- 2005 Instructor of the course “*Logica e filosofia della scienza*”, in the Program in Computer Science Engineering, School of Medicine, Università della Magna Graecia, Catanzaro, Italy.
- 2004 Instructor of the course “*Teorie e sistemi di intelligenza artificiale*”, in the Program in Industrial Design, School of Design, Politecnico di Milano, Milan, Italy.
- 2003-2004 Instructor of the course “*Epistemologia del progetto*”, in the Program in Industrial Design, School of Design, Politecnico di Milano, Milan, Italy.
- 2003 Instructor of the course “*Intelligenza Artificiale*”, in the Program in Industrial Design, School of Design, Politecnico di Milano, Milan, Italy.

Courses as Teaching Assistant

- 2020-2004 Teaching assistant in the course “*Artificial Intelligence*”, in the Master Program in Computer Engineering, School of Industrial and Information Engineering, Politecnico di Milano, Milano, Italy.
- 2012 Teaching assistant in the course “*Robotics*”, in the Master Program in Computer Engineering, School of Information Engineering, Politecnico di Milano, Milano, Italy.
- 2007 Teaching assistant in the course “*Models of Communication*”, in the Master Program in Technologies of Communication Science, Faculty of Communication Science, Università della Svizzera Italiana, Lugano, Switzerland.
- 2005-2003 Teaching assistant in the course “*Filosofia della natura, della scienza e della tecnica*”, Institute for Applied Philosophy, Facoltà di Teologia, Lugano, Switzerland.
- 2002-2000 Teaching assistant in the course “*Intelligenza Artificiale*”, in the Program in Industrial Design, School of Design, Politecnico di Milano, Milan, Italy.

Dichiaro di essere informata, ai sensi e per gli effetti di cui al D.Lgs 30 giugno 2003, n. 196, che i dati personali raccolti saranno trattati, anche con strumenti informatici, esclusivamente nell’ambito del procedimento per il quale la presente dichiarazione viene resa.