

VIOLA SCHIAFFONATI

Curriculum Vitae

November, 4 2024

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RESEARCH PROFILE

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

Competence: Computer and Information Ethics, Ethics of Technology and Engineering.

EDUCATION

May 2004 **Doctoral degree in Philosophy-Philosophy of Science** - Università degli Studi di Genova.
April 1999 **Laurea degree *summa cum laude* in Philosophy** - Università degli Studi di Milano.
July 1993 **Diploma degree in Classical Studies** - Liceo-Ginnasio Statale G. Berchet, Milano.

ACADEMIC APPOINTMENTS

2021-today **Habilitation Full Professor of Logic and Philosophy of Science** (PHIL-02/A).
2014-today **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-today **Member** of the Politecnico di Milano Artificial Intelligence and Robotics Laboratory, Politecnico di Milano, Italy.

MOBILITY

2024-2025 **Non-resident faculty**, Diplomatische Akademie Wien - Vienna School of International Studies, Austria.
June 2024 **Digital Humanism Senior Fellow**, Institute for Human Sciences in Vienna (IWM), Austria.

- June 2024 **Visiting Professor**, Informatics, TU Wien, Austria.
- July 2022 **Fellow**, Ermete Center, University of Stuttgart, Germany.
- January 2019 **Visiting Professor**, Dipartimento di Ingegneria dell'Informazione, Università di Pisa, Italy.
- January 2018 **Visiting Professor**, Friedrich-Alexander-Universität Erlangen-Nürnberg Lehrstuhl für Wirtschaftsinformatik, Germany
- Nov 2016 **Visiting scholar**, Department of Technology, Policy and Management, Philosophy Section, TU Delft, the Netherlands.
- Dec 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

- June 2024 **Digital Humanism Senior Fellowship**, Institute for Human Sciences in Vienna (IWM), Austria.
- July 2022 **Fellowship**, Ermete Center to visit University of Stuttgart, Germany.
- October 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.

RESEARCH GRANTS AND PROJECTS

- 2021-2023 **Co-PI** (with Tiziana Poli) of the research project "Building environment, Health and Technological Innovation" in the program "Etica e tecnologie emergenti", (research project co-funded by Fondazione Silvio Tronchetti Provera and Politecnico di Milano).
- 2023-2026 **Task leader** of the Horizon Europe project "AI4REALNET" (grant agreement No 101119527).
- 2023-2025 **Co-leader WP 4.2** of the project Foundations of adaptive multi-agent decision making, Spoke Adaptive AI, PNNR FAIR (Next Generation EU).
- 2023-2025 **Member** of the project Multilayered Urban Sustainability Action, Spoke Societies, PNNR MUSA (Next Generation EU).
- 2022-2025 **Local coordinator** of PRIN "BIAS, RISK, OPACITY in AI: design, verification and development of Trustworthy AI (BRIO)", financed by Italian Ministry of University.
- 2022-2024 **Member** of the project "Addressing online scientific misinformation in high schools", financed by Fondazione Cariplo.
- 2021-2023 **Co-PI** (with Andrea Aliverti) of the research project "AI and responsibility" in the program "Etica e tecnologie emergenti" (research project co-funded by Fondazione Silvio Tronchetti Provera and Politecnico di Milano).
- 2019-2021 **Task leader** of the European Project "Ethics4EU" (Erasmus+).
- 2019-2021 **Member** of the Ethical Advisory Board 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).
- 2009-2014 **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).

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).

Edited Volumes

1. Fossa, F., Schiaffonati, V., Tamburrini, G. (2021). *Automi e persone. Introduzione all’etica dell’intelligenza artificiale e della robotica*, Carocci, Roma.
2. Chiodo, S., Schiaffonati, V. (2021). *Italian Philosophy of Technology*, Springer.
3. Amigoni, F., Schiaffonati, V. (2014). *Methods and Experimental Techniques in Computer Engineering*, SpringerBriefs in Applied Sciences and Technology, Springer.
4. Di Bernardino, E., Lucchetti, R., Schiaffonati, V. (2011). *Temi filosofici dell’ingegneria e della scienza*, Maggioli Editore, Santarcangelo di Romagna.
5. 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. Zanotti, G., Chiffi, D., Schiaffonati, V. (2024). “AI-related risk: an epistemological approach”, *Philosophy & Technology*. DOI : 10.1007/s13347-024-00755-7.
2. Canali, S., Ferretti, A., Schiaffonati, V., Blasimme, A. (2024). “Wearable Technologies for Healthy Ageing: Prospects, Challenges, and Ethical Considerations”, *The Journal of Frailty & Aging*. <https://doi.org/10.14283/jfa.2024.19>
3. Zanotti, G., Petrolo, M., Chiffi, D., Schiaffonati, V. (2023). “Keep trusting! A plea for the notion of Trustworthy AI”, *AI & Society*. <https://doi.org/10.1007/s00146-023-01789-9>
4. Datteri, E., Schiaffonati, V. (2023). “Computer simulations and surrogate reasoning for the design of new robots”, *Synthese* 202 (5) <https://doi.org/10.1007/s11229-023-04220-4>
5. Werthner, H., Stanger, A., Schiaffonati, V., Knees, P., Hardman, L., Ghezzi, C. (2023). “Digital Humanism: The Time is Now”, *IEEE Computer*, 56(1), 138-142.
6. Canali, S., Schiaffonati, V., Aliverti, A. (2022). “Challenges and recommendations for wearable devices in digital health: Data quality, interoperability, health equity, fairness”, *Plos Digital Health*, 1(10): e0000104. <https://doi.org/10.1371/journal.pdig.0000104>
7. Schiaffonati, V. (2022). “Explorative Experiments: A Paradigm Shift to Deal with Severe Uncertainty in Autonomous Robotics”, *Perspectives on Science*; doi: https://doi.org/10.1162/posc_a_00415
8. Chiffi, D., Schiaffonati, V. (2022). “Brio”, *The Reasoner*, 16(3), 21-22.

9. Stavrakakis, I., Gordon, D., Tierney, B. *et al.* (2021). "The teaching of computer ethics on computer science and related degree programmes. a European survey", *International Journal of Ethics Education* (2021). <https://doi.org/10.1007/s40889-021-00135-1>
10. Schiaffonati, V. (2021). "Computer, robot ed esperimenti", *Aut Aut, Il Saggiatore*, 392, p. 51-62.
11. Datteri, E., Schiaffonati, V. (2019). "Robotic Simulations, Simulations of Robots", *Minds and Machines*, 29(1), 109-125.
12. 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.
13. Amigoni, F., Luperto, M., Schiaffonati, V. (2017). "Toward generalization of experimental results for autonomous robots", *Robotics and Autonomous Systems*, Elsevier, 90, p. 4-14.
14. Schiaffonati, V. (2016). "Stretching the Traditional Notion of Experiment in Computing: Explorative Experiments", *Science and Engineering Ethics*, Springer, 22(3), p. 647-665.
15. 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.
16. Pelillo, M., Scantamburlo, T., Schiaffonati, V. (2015). "Pattern recognition between science and engineering: A red herring?", *Pattern Recognition Letters*, Elsevier, 64, p.3-10.
17. 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.
18. Schiaffonati, V., Verdicchio, M. (2014). "Computing and Experiments", *Philosophy & Technology*, Springer, 27(3), p. 359-376.
19. Schiaffonati, V. (2010). "Computer simulations ed esperimenti *in virtuo*", *Mondo Digitale*, 34, June 2010, 3-12.
20. 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.
21. 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.
22. Amigoni, F., Schiaffonati, V. (2008). "A Multiagent Approach to Modelling Complex Phenomena", *Foundations of Science*, Springer, 13(2), p. 113-125.
23. 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.
24. Schiaffonati, V. (2006). "Riflettere sui dettagli della scienza: Patrick Suppes e i modelli", *Epistemologia*, XXIX, p. 239-266.
25. Amigoni, F., Schiaffonati, V. (2004). "Artificial Intelligence for Automatic Museum Organization", *Politecnico*, Politecnico di Milano, 8, 2004, p. 138-143.
26. 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.
27. 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.
28. 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.
29. 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.

30. 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.
31. 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.
32. 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. (2024). "Promises and Perils in Moralizing Technologies", in H. Werthner, C. Ghezzi, J. Kramer, J. Nida-Rumelin, B. Nuseibeh, E. Prem (eds.) *Introduction to Digital Humanism: A Textbook*, Springer, 255 – 265.
2. Matteucci, M., Mentasti, S., Schiaffonati, V., Fossa, F. (2023). "Contextual Challenges to Explainable Driving Automation: The Case of Machine Perception", in F. Fossa & F. Cheli (eds.) *Connected and Automated Vehicles: Integrating Engineering and Ethics*, Springer, 37 – 61.
3. Schiaffonati, V. (2022). "Integrare la bioetica con con l'etica della tecnologia per formare i professionisti del futuro", in F. Consorti & L. Montagna (eds.) *Medical professionalism e costruzione dell'identità professionale negli studenti di medicina*, Franco Angeli Milano, 188 – 199.
4. Schiaffonati, V. (2021). "Explorative Experiments and Digital Humanism: Adding an Epistemic Dimension to the Ethical Debate", in H. Werthner et al. (eds.) *Perspectives on Digital Humanism*, Springer, 77 – 82.
5. Schiaffonati, V. (2021). "Experimentation" in D. P. Michelfelder and N. Doorn (eds.) *The Routledge Handbook of the Philosophy of Engineering*, Routledge, Taylor & Francis Group, 421 – 434.
6. Amigoni, F.; Schiaffonati, V. (2021). The Importance of Prediction in Designing Artificial Intelligence Systems. In M. Pelillo, T. Scantamburlo (eds.), *Machines We Trust*, MIT Press, 105-119.
7. Chiodo, S., Schiaffonati, V. (2021). "Italian Philosophy of Technology", in S. Chiodo and V. Schiaffonati (2021). *Italian Philosophy of Technology*, Springer, 1-9.
8. Schiaffonati, V. (2018). "Philosophy of Engineering and the Quest for a Novel Notion of Experimentation" in A. Fritzsche and S. J. Oks (eds.) *The Future of Engineering*, Springer, 89-103.
9. Amigoni, F., Schiaffonati, V. (2018). "Robotic competitions as experiments" in A. Friederich, P. Gehring, C. Hubig, A. Kaminski, A. Nordmann (eds.) *Arbeit und Spiel, Jahrbuch Technikphilosophie 2018*, Nomos, p. 119-138.
10. Schiaffonati, V., Verdicchio M., (2018). "What Do Bridges and Software Tell Us about the Philosophy of Engineering?" in C. Mitcham, B. Li, B. Newberry, B. Zhang (eds.) *Philosophy of Engineering, East and West*. Boston Studies in the Philosophy and History of Science, vol 330. Springer, Cham, 137-148.
11. Amigoni, F., Schiaffonati, V. (2017). "Models and Experiments in Robotics" in L. Magnani and T. Bertolotti (eds.) *Springer Handbook of Model-Based Science*, Springer, p. 799-815.
12. 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.
13. 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.
14. Amigoni, F., Schiaffonati, V., Verdicchio, M. (2014). "Good Experimental Methodologies for Autonomous Robotics: From Theory to Practice" in F. Amigoni and V. Schiaffonati (eds.), *Methods and Experimental Techniques in Computer Engineering*, SpringerBriefs in Applied Sciences and Technology, Springer, p. 37-53.

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

Articles in Peer-Reviewed Conference Proceedings

1. Falcetta, A., Pavan, M., Canali, S., Schiaffonati, V., Roveri, M. (2023) "To Personalize or Not To Personalize? Soft Personalization and the Ethics of ML for Health," *2023 IEEE 10th International Conference on Data Science and Advanced Analytics (DSAA)*, Thessaloniki, Greece, 2023, 1-10, doi: 10.1109/DSAA60987.2023.10302472.
2. Quaresmini, C., Villa, E., Breschi, V., Schiaffonati, V., Tanelli, M. (2023). "Qualification and Quantification of Fairness for Sustainable Mobility Policies", *2nd European Workshop on Algorithmic Fairness*, EWAf 2023, 120-125.
3. Chiodo, S., Arcangeli, M., Bernadó-Mansilla, E., Schiaffonati, V. (2020). "Beyond creativity: reflection and practice of imagination with students of technical universities", *2020 IEEE Global Engineering Education Conference (EDUCON)*, 1225 – 1229.
4. 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.
5. 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.
6. 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.
7. 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", *Proceedings of 45th International Symposium on Robotics (ISR/Robotik 2014)*, Munich, Germany, June 2-3 2014, p. 321-327.
8. 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)*, Munich, Germany, June 2-3 2014, p. 328-333.
 9. Schiaffonati, V., Verdicchio, M. (2012). "What Bridges and Software Tell Us about Philosophy of Engineering", *Proceedings of fPET-2012*, University of Chinese Academy of Sciences, China, November 2-4 2012, p. 101-102.
 10. 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.
 11. 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.
 12. 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.
 13. 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.
 14. 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.
 15. Amigoni, F., Schiaffonati, V. (2005). "A New Version of Minerva for Organizing Archeological Museums", *Atti dell'AI*IA (Associazione Italiana per l'Intelligenza Artificiale), Workshop on Cultural Heritage*, Centro Copie Bicocca Editrice, Milano, Italy, 2005.
 16. 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.
 17. 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.
 18. Amigoni, F.; Schiaffonati, V. (2003). "The Minerva Multiagent System for Museum Organization". *Proceedings of AI*IA (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.
 19. 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.
 20. 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.

21. 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, Septemembr 3-7 2001, p. 389-398.
22. 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.
23. 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.
24. 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. (2022). "Guglielmo Tamburrini, "Etica delle macchine. Dilemmi morali per robotica e intelligenza artificiale", in *Lecture critiche*, APhEx 25, p. 1-12.
2. 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.
3. Arrighi, C., Schiaffonati, V. (2006). "Review of the book *Representation and Invariance of Scientific Structures*", in M.C. Galavotti (ed.), *Cambridge and Vienna, Frank. P. Ramsey and the Vienna Circle*, Vienna Circle Institute Yearbook 12, Springer, p. 229-235.

Refereed Conference Presentations (selection)

1. Chiffi, D., Schiaffonati, V., Zanotti, G. (2024). "A multirisk perspective on AI risks", AISoLA 2024, , Crete, October 29-November 2 2024.
2. Zanotti, G., Salvatore, G., Prevete, R., Schiaffonati, V., Tamburrini, G. (2024). "Ablation studies in ML as instances of manipulative interventions", AISoLA 2024, Crete, October 29-November 2 2024.
3. Chiffi, D., Zanotti, G., Schiaffonati, V. (2024). "A Philosophical Insight Into Uncertainty in AI", fPET 2024 (Forum Philosophy and Engineering), KIT, September 17-20 2024.
4. Quresmini, C., Villa, E., Breschi, V., Schiaffonati, V., Tanelli, M. (2024). "Morelling Epistemic Injustice in Innovation Diffusion: A Case Study on Electric Mobility", fPET 2024 (Forum Philosophy and Engineering), KIT, September 17-20 2024.
5. Chiffi, D., Schiaffonati, V., Zanotti, G. (2023). "AI and risk: A philosophical Analysis", AISoLA 2023, Crete, October 23-28 2023.
6. Amigoni, F., Schiaffonati, V. (2023). "Complementing the normative approach of robot ethical standards: A methodological account", MBR 2023 (Model-based Reasoning), Università di Roma La Sapienza, Rome, June 6-9 2023.
7. Canali, S., Aliverti, A., Schiaffonati, V. (2023). "Data Quality as an Emerging Issue for AI: The Case of Wearable Technology", fPET 2023 (Forum Philosophy and Engineering), TU Delft, April 19-21 2023.
8. Zanotti, G., Petrolo, M., Chiffi, D., Schiaffonati, V. (2023). "Beyond reliability: values and Trustworthy AI", fPET 2023 (Forum Philosophy and Engineering), TU Delft, April 19-21 2023.
9. Quresmini, C., Villa, E., Breschi, V., Schiaffonati, V. & Tanelli, M. (2023). "Qualification and quantification of fairness for diversity-aware and inclusive mobility", fPET 2023 (Forum Philosophy and Engineering), TU Delft, April 19-21 2023.
10. 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.

11. Schiaffonati, V. (2017). "Engineering Knowledge and Experimental Method", *SPT 2017 (Society for Philosophy of Technology Biannual Meeting)*, Darmstadt, June 14-17 2017.
12. 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.
13. Schiaffonati, V. (2016). "Philosophy of Engineering and the Quest for a Novel Notion of Experimentation", *fPET 2016 (Forum on Philosophy, Engineering and Technology)*, Nurberg, May 18-20 2016.
14. 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.
15. 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.
16. 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.
17. Amigoni, F., Luperto, M., Schiaffonati, V. (2014). "Towards Generalization of Experimental Results for Autonomous Robots". *IAS-13 (Thirteen International Conference on Intelligent Autonomous Systems) Workshop on "New Research Frontiers for Intelligent Autonomous Systems (NRF-IAS-2014)"*, Venezia, Italy, July 18-19 2014.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.

27. Carassa, A., Colombetti, M., Schiaffonati, V. (2009). "Joint Activities: A Deontic Approach", *3rd Joint Action Meeting*, Amsterdam, July 27-29 2009.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. Schiaffonati, V. (2002). "Agencies: a New Approach to the Foundation of Artificial Intelligence". *Computing and Philosophy Conference (CAPO2)*, Carnegie Mellon University, Pittsburgh (PA), August 8-10 2002.
37. 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.
38. 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.
39. 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.
40. 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.

MAIN INVITED TALKS AND ARTICLES

- 2024 Keynote speaker "Toward the new sciences of the artificial", *Artificial Intelligence and the Humanities*, Georgetown University, Washington DC, November 22 2024.
- 2024 Invited panelist, workshop *A Paradigm Shift in Computer Science?*, TU Wien, November 29 2024.
- 2024 Invited talk, ISTA (Institute for Science and Technology), Vienna, Austria, September 19 2024 (declined).
- 2024 Invited talk "Ethics and design of technologies: a philosophical approach", *22a Scuola AIMAT Intelligenza Materiale: dagli smart materials all'intelligenza artificiale*, Ischia (NA) July 15 2024.
- 2024 Invited talk "The new sciences of the artificial and why we need philosophy", IWM, Vienna, June 27 2024.
- 2024 Keynote talk, International Congress of Italian Society "*Didattica delle Lingue e Linguistica Educativa*", Università della Basilicata, Matera, May 16-18 2024 (declined).
- 2024 Invited talk "Architettura ed etica della tecnologia", workshop *Architettura Disciplina Eteronoma*, CSAC Centro Studi e Archivio della Comunicazione, Università degli Studi di Parma, May 24 2024.
- 2024 Invited talk "Verso una nuova scienza dell'artificiale: nuovi framework etici per nuove vulnerabilità?", in the lecture series *Ethos Center*, Università degli Studi di Verona, March 14 2024.
- 2024 Invited book presenter (with Sara Dellantonio), *Realismo e antirealismo nelle scienze*, Dipartimento di Filosofia, Università di Roma La Sapienza, March 6 2024.
- 2024 Keynote panelist, DigHum online panel on *Teaching ethical and social impact issues in digital technology and computing education*, DigHum Lectures Series, March 5 2024.
- 2024 Invited talk "Le sfide filosofiche ed etiche delle nuove tecnologie nelle scienze della vita", *Blue Humanities: un ponte fra le discipline umanistiche e le scienze della vita*, Stazione Zoologica Antohn Dorn, Napoli, February 16 2024.
- 2024 Keynote panelist, panel on *Human and Technology interaction: threat or opportunity?*, *HumanTech Inspiring and envisioning purposeful Human-Technology relationships*, Politecnico di Milano, January 25 2024.
- 2023 Invited talk "The reproducibility crisis of AI and its impact on TAI", international conference *Artificial Intelligence: Ethics, Law and Governance*, Università degli Studi di Milano, November 23 2023.
- 2023 Invited panelist "AI: across innovations and ethics", *2023 IEEE INTERNATIONAL CONFERENCE ON Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering*, Milano, October 27, 2023.
- 2023 Invited panelist "AI and Democracy", *AISoLA 2023*, Crete, October 23 2023.
- 2023 Invited talk "Computer, robot ed esperimenti: all'alba di un nuovo metodo sperimentale?", *Prospettive sull'umanesimo digitale*, Istituto Lombardo Accademia di Scienze e Lettere Milano, October 19 2023.

- 2023 Invited talk “Power systems, ethical issues, and social implications: some reflections emerging from a course experimentation at Politecnico di Milano”, *Normative Energy Lectures Series*, Philosophy of Engineering, Technology Assessment, and Science (Philetas), Karlsruhe Institute of Technology (KIT), July 5 2023.
- 2023 Invited talk “Computers, robots, and experiments. Reproducibility and Beyond”, *IUSS Philosophy Seminars: Epistemology, Uncertainty and Rationality*, IUSS Università degli Studi di Pavia, Pavia, May 3 2023.
- 2023 Invited talk (with Manuel Roveri) “To Personalize or Not To Personalize? Soft Personalization and the Ethics of ML for Health”, *SciTinyML: Scientific Use of Machine Learning on Low-Power Devices*, ICPT Virtual Meeting, Trieste, April 19 2023.
- 2023 Invited talk (with Stefano Canali, Alessandro Falchetta, Massimo Pavan) “Privacy e personalizzazione: conciliare valori etici ed efficacia delle soluzioni IoT e ML in ambito medico”, *Garante per la protezione dei dati personali*, Roma, March 22 2023.
- 2023 Invited talk “Computer, Robot ed Esperimenti”, *Theseus Colloquia*, Politecnico di Torino, March 10 2023.
- 2023 Closing talk, *Spring School AI & Ethics Ethos + Tekhnè: a new generation of AI researchers*, EELISA European University, Pisa 10 March 2023 (declined).
- 2022 Keynote talk (with Manuel Roveri), workshop *Ethical and Societal Challenges of Machine Learning*, International Center for Theoretical Physics, Trieste, November 8 2022.
- 2022 Invited talk, workshop *Uncertainty in the Sciences*, Politecnico di Milano, June 24 2022.
- 2022 Invited talk, conference *La cura infermieristica al tempo dell’IA*, Università degli Studi di Torino, June 10-11 2022.
- 2022 Invited talk, conference *Approcci filosofici all’IA*, Università di Roma La Sapienza, June 9-10 2022.
- 2022 Invited talk “Computers, robots and experiments”, *Synergia Seminar Series*, Università di Urbino, May 25 2022.
- 2022 Keynote, workshop *Thinking Through Technology*, Institute for Technology Futures (ITZ) of the Karlsruhe Institute of Technology (KIT), July 2022 (declined).
- 2022 Invited talk, *ARSLED Conference on AI and education: ethical challenges and opportunities*, Rome, July 2022 (declined).
- 2022 Invited talk “The challenges of interdisciplinarity a century after the Vienna Circle”, workshop *Towards a Research and Innovation Roadmap 4th Workshop on Digital Humanism*, March 3 2022.
- 2021 Invited talk, *Maven of the Month Lectures Series*, Knowledge Media Institute, Open University, November 3 2021.
- 2021 Keynote speaker, Ethics4Eu workshop on *Teaching Ethics to Computer Science and Engineering students*, Chalmers University, September 22 2021.
- 2021 Invited talk, *Munich Center for Mathematical Philosophy*, Group of Logic and Philosophy of Language, LMU Munich, July 15 2021.
- 2021 Invited talk, Research Ethics Conference *Ethics in Engineering Interdisciplinary Seminar - Automation and Robotics*, April 16 2021 (declined).
- 2020 Invited talk, conference *Artificial Intelligence and Agnostic Science - Doing Science in the Age of Artificial Intelligence*, Sorbonne Center for Artificial Intelligence, December 12 2020.
- 2020 Invited talk, workshop *Trustworthy AI made in Europe: from Principles to Practice*, AI4EU Observatory on Society and AI, November 13 2020.
- 2020 Invited talk, panel *International Initiatives towards a Humanistic Digital Future*, Strategies for a Humanistic Digital Future, Third Workshop on Digital Humanism, TU Vienna, November 20 2020.
- 2020 Invited talk, Digital Ethics Forum, SlowTech, October 1 2020.
- 2019 Invited talk, *European Center of Living Technologies*, Università Ca’ Foscari Venezia, December 16 2019.

- 2019 Invited talk, workshop *Intelligenza Artificiale ed Etica*, Università degli Studi di Napoli, December 6 2019.
- 2019 Invited talk, *Summer School Philosophical Reflections on an AI Future*, Schweizerische Studienstiftung, Migliaglia (CH), July 7 2019.
- 2019 Invited talk, *Il bello di Unicam*, Università degli Studi di Camerino, June 12 2019.
- 2019 Invited talk, conference on *Artificial Intelligence: Business, Law, Ethics and Rights across the Ocean*, 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”, *ETH Philosophy Colloquium*, 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), IHSPT, 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 Invited talk “Etica e Intelligenza Artificiale”, *Cross-Lab*, Dipartimento di Ingegneria dell’Informazione, Università di Pisa, February 11 2019.
- 2018 Invited talk conference *A.I. am Human. Intelligenza artificiale e umana a confronto*, Università degli Studi di Milano Bicocca, November 18 2018.
- 2018 Invited talk, conference *Europe Regulates Robotics*, Scuola Superiore Sant’Anna Pisa, September 27 2018.
- 2018 Invited talk, 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, seminar series *Seminari di Cultura Matematica*, Politecnico di Milano, May 9 2018.
- 2018 Invited talk, seminar series *Subjectivity, Self, and Self-Consciousness*, Università Cattolica di Milano, March 8 2018.
- 2018 Invited talk, round table for the presentation of the book *Slow Tech* by Norberto Patrigiani and Diane Whitehouse, Centro Politeia, Università degli Studi di Milano, February 19 2018.
- 2018 Invited talk, workshop *JOSEPHS*, Friedrich-Alexander-Universität Erlangen-Nürnberg e Fraunhofer IIS, Nuremberg January 23 2018.
- 2017 Keynote speaker, *ECAL 2017 the European Conference on Artificial Life*, Lyon, September 4- 8 2017.
- 2016 Invited talk workshop *The Humane Use of Machine Learning*, ECLT, Università Ca’Foscari, Venezia, December 16 2016.
- 2016 Invited talk, *Graduate Students Seminars* Department of Technology, Policy and Management, TU Delft, November 22 2016.
- 2016 Invited talk *Philosophy Colloquium*, Department of Technology, Policy and Management, Philosophy Section, TU Delft, November 21 2016.
- 2016 Invited talk, series of seminars *InformEtica* Università degli Studi di Milano-Bicocca, April 19 2016.
- 2015 Invited talk, workshop *In Silico Medicine*, IESE Business School Barcelona, June 3 2015.
- 2015 Invited talk, workshop *Philosophical Aspects of Computer Science*, European Centre for Living Technology, Università Ca’ Foscari, Venice, March 6 2015.
- 2015 Invited talk, workshop *Robustness II – Engineering Science*, Campus Biomedico, Rome, February 5-6 2015.

- 2015 Invited talk, ECM course *Innovation in Infectious Diseases*, Istituto Nazionale per le Malattie Infettive Lazzaro Spallanzani, Rome, December 17-18 2015.
- 2015 Invited talk, master program in *Comunicazione della Scienza e dell'Innovazione Sostenibile*, May 28 2015.
- 2014 Invited talk, workshop *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, 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, conference *New Technologies as Social Experiments*, Delft University, January 24-25 2014.
- 2012 Invited talk, *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, 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*IA 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*, invited by John McCarthy Computer Science Department, Stanford University, November 15 2000.

SERVICE AND LEADERSHIP

Editorial

- 2022-today **Associate Editor** of the journal *Science and Engineering Ethics*.
- 2021-2022 Member of the **editorial board** of the journal *Science and Engineering Ethics*.
- 2013-today Member of the **editorial board** of the *Journal of Experimental and Theoretical Artificial Intelligence*.
- 2013-today **Editor in chief** of the magazine of AICA (Italian Association for Computing) *Mondo Digitale-rassegna critica del settore ICT*.

Professional

- 2023-2026 **Member** (elected) of the steering committee of the Italian Association for Logic and Philosophy of Science (SILFS).
- 2024-2027 **Member** of the scientific committee of the HumanTech Project, Department of Excellence, Dipartimento di Ingegneria Gestionale, Politecnico di Milano.
- 2022-today **Member** of the scientific committee of Biennale Tecnologia, Politecnico di Torino.
- 2021-2022 **Member** of the European Commission Expert group on Artificial Intelligence and Data in Teaching and Learning, Directorate-general for education, youth, sport and culture.
- 2019-today **Director** of CINI (National Interuniversity Consortium for Informatics) Laboratory Informatics & Society.
- 2019-today **Member** of the steering committee of fPET (Forum on Philosophy, Engineering, and Technology).
- 2018-2023 **Member** of the steering council of HAPOC (Commission for the History and Philosophy of Computing).
- 2017-2018 **Member** of the Global Initiative for Ethical Consideration in the Design of Autonomous Systems, IEEE Standards Association.
- 2017-2019 **Member** of the IFIP Working Group on Social Accountability and Computing (WG9.2).

University

- 2024-today **Chair** of the Research Ethics Committee of Politecnico di Milano.
- 2022-2024 **Vice-chair** of the Research Ethics Committee of Politecnico di Milano.
- 2023-2024 **Member** of panel for the admission of PhD students in the PhD program Science, Technology and Policy for Sustainable Change (Step-Change), Politecnico di Milano (XXXIX cycle).
- 2022-today **Member** of the PhD program Science, Technology and Policy for Sustainable Change (Step-Change), Politecnico di Milano.
- 2019-today **Chair** of the Committee of the Code of Ethics and Conduct, Politecnico di Milano.
- 2018-today **Chair** of the Idea League Universities Ethics working group.
- 2017-today **Founder** and steering committee member of META project, Social Sciences and Humanities for Science and Technology, Politecnico di Milano.
- 2018-19 **Member** of the commission for the revision of the Code of Ethics and Conduct, Politecnico di Milano.
- 2015-today **Member** of different panels for the recruitment of assistant and associate professors in Italian universities (Università di Trento, Università degli Studi di Verona, Politecnico di Milano, Università di Bologna Alma Mater) and international universities (University of Stuttgart).

Conferences and workshops organizing

- 2024 **Co-chair** of the section “Ethics of Artificial Intelligence” **World Congress of Philosophy**, Sapienza Università di Roma, Rome August 1-8 2024.

- 2022 **Chair** (with Paolo Bory and Paolo Volontè) of the **workshop** “Una politica per l’Intelligenza Artificiale”, Politecnico di Milano, October 27 2022.
- 2022 **Chair** (with Andreas Kaminski) of the **workshop** “From epistemic opacity to ethical opacity? Non transparent models and ethical uncertainty in science, technology and engineering “, High Performance Computing Center Stuttgart (HLRS), July 7 2022.
- 2021 **Chair** of the **workshop** “Dealing with the Complexities of Teaching Ethics to Future Computing Professionals”, Informatics Europe and Ethics4EU, Chalmers University, April 22 2021.
- 2021 **Chair** of the **panel** “AI and Ethics: How IA is reshaping the world”, Digital Humanism Lecture Series, TU Wien, November 10 2021.
- 2021 **Chair** of the IDEA League (RWTH Aachen, Chalmers University, TU Delft, ETH Zurich, Politecnico di Milano) **Doctoral School** on “Ethics of Science and Technology”, March-June 2021.
- 2020 **Chair** of the **conference** “Umanesimo Digitale-Digital Humanism”, Politecnico di Milano, October 9 2020.
- 2018 **Chair** (with Giuseppe Primiero) of the **workshop** “Philosophy and Technologies of Simulations”, Politecnico di Milano, November 22-23 2018.
- 2018 **Chair** of the **workshop** “Putting Ethics into Work: Educating the Future Professionals in Engineering, Architecture and Design”, Politecnico di Milano, November 8, 2018.
- 2018 **Chair** (with Raffaella Campaner) of the **workshop** “For a bottom-up epistemology. A workshop in honour of Maria Carla Galavotti”, CUEB, June 7-9 2018.
- 2017 **Chair** of the **workshop** “Ethics for Technological Innovation”, Politecnico di Milano, October 19 2017.
- 2017 **Chair** (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.
- 2012 **Chair** of the **workshop** “On the Role and Relevance of Experimentation in Informatics”, European Computer Science Summit, Barcelona, November 19-22 2012.

Panels organizing

- 2023 Panel “*Beyond Chat-GPT: The Impact of AI on Academic Research*”, with Moshe Vardi, Edward A. Lee, Jim Larus, Eva Schmidt, AISoLA 2023, Crete, October 24, 2023.
- 2023 Panel “Intelligenza artificiale: È intelligente? È sostenibile?”, with Nello Cristianini, Federica Lucivero, Consiglio Nazionale delle Ricerche, Area della Ricerca di Pisa, Gruppo Interdisciplinare su Scienza, Tecnologia e Società, October 10, 2023.

Grant review

Next-Generation EU FAIR (Foundational AI Research) cascade funding Università di Bari Aldo Moro (2024), reviewer for ERC starting grants (2024), project reviewer for Stuttgart University (2023), Fondazione Cariplo (2020), referee for research and innovation activities at the Provincia Autonoma di Trento (2016), referee for the Austrian Science Fund (FWF) 2016.

Refereeing (selection)

European Journal of Philosophy of Science, Minds and Machines, Philosophy & Technology, Mind&Society, Science and Engineering Ethics, Pattern Recognition Letters, Evolutionary Computation, Cognitive Processing, Cognitive Systems Research, Springer SAPERE, Oxford University Press.

Scientific and program committees (selection)

2024, 2023, 2022 IJCAI; 2024 ECAI; Digital Humanism Lectures Series, TU Wien; 2023 IEEE INTERNATIONAL CONFERENCE ON Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering; IJCAI-ECAI 2023, 2022; HaPoC (History and Philosophy of Computing) 2021; CiE (Computability in Europe) 2020, 2024; Analogical Reasoning in Science and Mathematics 2018 (Munich Center for Mathematical Philosophy); Automotive 2018 International Conference of Electrical and Electronic Technologies for Automotive; 2018 IFIP Summer School on Privacy and Identity Management; HAPOP 2018 (Fourth Symposium on the History and Philosophy of Programming); PT-AI (Philosophy and Theory of Artificial Intelligence) 2023, 2021, 2017, 2013, 2011; Forum on Philosophy, Engineering & Technology (fPET) 2024, 2023, 2021, 2016, 2014, 2012, 2010; IACAP (International Association for Computing and Philosophy) Conference 2014, CogSci2014, ACM-CHI 2012.

PHD AND POST-DOC SUPERVISION

- 2024-today Executive **PhD position**, PhD Program in Science, Technology, and Policy for Sustainable Change (STEP-Change), Politecnico di Milano.
- 2024-today **Post-doc position** on building environment, health and technological innovation (co-supervised with Tiziana Poli), ABC Department, Politecnico di Milano.
- 2024-today **PhD position** (co-supervised with Stefano Moroni), PhD Program in Urban Design and PhD Program in Science, Technology, and Policy for Sustainable Change (STEP-Change), Politecnico di Milano.
- 2022-today **PhD position** (co-supervised with Mara Tanelli), PhD Program in Science, Technology, and Policy for Sustainable Change (STEP-Change), Politecnico di Milano.
- 2022-today **PhD position** (co-supervised with Andrea Aliverti), PhD Program in Bioengineering and PhD Program in Computer Engineering, Politecnico di Milano.
- 2022-today **Post-doc position** on bias, risk and opacity in AI (co-supervised with Daniele Chiffi), Department of Electronics, Information and Bioengineering, Politecnico di Milano.
- 2021-2023 **Post-doc position** on AI and responsibility for bioengineering (co-supervised with Andrea Aliverti), Department of Electronics, Information and Bioengineering, Politecnico di Milano.

PHD DISSERTATION COMMITTEES

- 2024 Member of the PhD dissertation committee of the Doctoral Program in Research Methods in Science and Technology, Università degli Studi di Urbino.
- 2017 Member of the PhD dissertation committee of the Doctoral Program in Sociology, Scuola Normale Superiore Pisa.

TEACHING

Courses as Instructor

- 2024-2025 Digital Ethics, Diplomatiche Akademie Wien, Research Area Cultural Studies.
- 2024-2025 Course coordinator of the interdoctoral course “*Digital Humanism*”, Doctoral School, Politecnico di Milano.
- 2025-2012 Instructor of the course “*Philosophical Issues of Computer Science*”, Master Program in Computer Engineering, School of Industrial and Information Engineering, Politecnico di Milano.
- 2025-2016 Instructor of the course “*Computer Ethics*”, Master Program in Computer Engineering, School of Industrial and Information Engineering, Politecnico di Milano.
- 2023-2019 Instructor of the course “*Bioethics*”, Program in Medicine and Engineering, Politecnico di Milano and Humanitas University.
- 2025-2020 Instructor of the course “*Ethics Seminar*”, Master Program in Cyber Risk Strategy and Governance, Politecnico di Milano and Università Bocconi.

- 2025-2021 Instructor of the course (with Samuele Grillo) *"Power Systems: Ethical Implications and Social Consequences*, Master Program in Electrical Engineering, Politecnico di Milano.
- 2024 Visiting Professor doctoral course *"Experimentation in the Digital World"*, Faculty of Informatics, TU Wien.
- 2019-2021 Course coordinator (with Simona Chiodo) of the interdoctoral course *"Empowering Imagination"*, Doctoral School, Politecnico di Milano.
- 2020 Instructor of the interdoctoral course *"Ethics and Technology"*, Doctoral School, Politecnico di Milano, Milano.
- 2024-2016 Co-instructor of the interdoctoral course *"Ethics in Research"*, Doctoral School, Politecnico di Milano, Milano.
- 2019 Course co-instructor of the Alliance4Tech Winter School on *"Risk and Responsibility in Technological Innovation"*, 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 *"Empoweing Imagination"*, Idea League Summer School, Politecnico di 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"*, Doctoral School, Politecnico di 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"*, Doctoral School, Politecnico di Milano.
- 2013 Co-instructor (with Fabio A. Schreiber) of the Doctoral course *"Experimental methods and techniques in computer science and engineering"*, Doctoral Program in Information Technologies, Doctoral School, Politecnico di Milano.
- 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.
- 2012 Co-instructor (with Francesco Amigoni) of the Doctoral course *"Computing and Science: What Can They Do for Each Other?"*, Doctoral Program in Information Technologies, Doctoral School, Politecnico di Milano.
- 2011-2007 Instructor of the course *"Temi filosofici dell'informatica"*, Master Program in Computer Engineering, School of Information Engineering, Politecnico di Milano.
- 2009-2005 Instructor of the course *"Temi filosofici dell'ingegneria e della scienza"* Master Program in Mathematical Engineering, School of System Engineering, Politecnico di Milano.
- 2007-2006 Co-instructor (with Francesco Amigoni) of the Doctoral course *"Technological Innovation and Artificial Intelligence for Cultural Heritage"*, Doctoral Program in Design and Technologies for Cultural Heritage, Politecnico di Milano.
- 2006 Co-instructor (with Marco Colombetti) of the Doctoral course *"Philosophical Foundations of Artificial Intelligence"*, Doctoral Program in Information Technologies, Politecnico di Milano.
- 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"*, Program in Industrial Design, School of Design, Politecnico di Milano.
- 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*”, Program in Industrial Design, School of Design, Politecnico di Milano.
- 2005 Instructor of the course “*Logica e filosofia della scienza*”, Program in Computer Science Engineering, School of Medicine, Università della Magna Graecia, Catanzaro.
- 2004 Instructor of the course “*Teorie e sistemi di intelligenza artificiale*”, Program in Industrial Design, School of Design, Politecnico di Milano.
- 2003-2004 Instructor of the course “*Epistemologia del progetto*”, Program in Industrial Design, School of Design, Politecnico di Milano, Milan, Italy.
- 2003 Instructor of the course “*Intelligenza Artificiale*”, Program in Industrial Design, School of Design, Politecnico di Milano.

MOOCs

- 2023 Mooc on “*Academic Integrity and Beyond*”, Polimi Open Knowledge, Politecnico di Milano.
- 2021 Mooc on “*Ethics of Artificial Intelligence*”, Polimi Open Knowledge-Coursera, Politecnico di Milano.

Courses as Teaching Assistant

- 2025-2004 Teaching assistant in the course “*Artificial Intelligence*”, Master Program in Computer Engineering, School of Industrial and Information Engineering, Politecnico di Milano.
- 2012 Teaching assistant in the course “*Robotics*”, Master Program in Computer Engineering, School of Information Engineering, Politecnico di Milano.
- 2007 Teaching assistant in the course “*Models of Communication*”, 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*”, Program in Industrial Design, School of Design, Politecnico di Milano.

Invited Lectures

- 2024 “AI-related risk: An epistemological analysis”, Summer School AI Act and EU Criminal Justice (EUDICRI), Università del Piemonte Orientale, September 2 2024.
- 2024 “Computer Ethics”, ICT4dev, Italian Agency for Cooperation on Development and Department of Electronics, Information and Bioengineering Politecnico di Milano, involving the Eduardo Mondlane University (Maputo, Mozambique), August 27 2024.
- 2024 “Ethics of AI”, Master Program in Philosophy, University of Pavia, May 15 2024.
- 2024 “Ethics and Design”, Master Program in Computer Engineering, Politecnico di Milano, March 28 2024.
- 2024 “Promises and Perils of Moralizing Technologies”, Master Program in Human-Computer Interaction, University of Trento, April 16 2024.
- 2023 “Ethics: Beyond Codes of Conduct”, Polimi Program for PhD Supervisors’ training, Politecnico di Milano, October 20 2023.
- 2023 “The Moralization of AI Technologies: Promises and Perils”, PhD course on Human-AI interaction, Università degli Studi di Milano Bicocca, September 19 2023.
- 2023 “Do Artifacts Have Politics?”, Summer School on Digital Humanism, TU Wien, Austria, September 6 2023.
- 2023 “AI and the moralization of technologies”, course Etica dell’IA e saperi di genere, Program in Information Engineering, Università degli Studi di Padova, April 5 2023.

- 2023 “Do Artifacts Have Politics?”, course Ethics of AI, Master Degree in Artificial intelligence, Alma Mater Studiorum Università di Bologna, March 13 2023.
- 2022 “Ethics and Engineering”, course Life-support systems, Master degree in Bioengineering, Politecnico di Milano.
- 2022 “AI and the moralization of technologies”, course Etica dell’IA e saperi di genere, Degree in Information Engineering, Università degli Studi di Padova, May 11 2022.
- 2022 “Do Artifacts Have Politics?”, course Ethics of AI, Master Degree in Artificial intelligence, Alma Mater Studiorum Università di Bologna, March 7 2022.
- 2022 “An incremental ethical approach for intelligent and autonomous systems”, PhD course Bioethics and Biolaw, Joint International Doctoral Degree in “Law, Science and Technology”, Alma Mater Studiorum Università di Bologna, 10 February 2022.
- 2021 “Ethics of Robotics”, master course Ethics of the Life Sciences and Biorobotics, ETH Zurich, November 15 2021.
- 2021 “Ethics and Design”, master course Landscape Architecture III, Harvard University, October 27 2021.
- 2021 “Ethics and Engineering”, course Life-support systems, Master degree in Bioengineering, Politecnico di Milano.
- 2021 “Information flow, privacy, surveillance”, master course Digital Technologies and Society, Politecnico di Milano, September 21 2021.
- 2022 “Do Artifacts Have Politics?”, course Ethics of AI, Master Degree in Artificial intelligence, Alma Mater Studiorum Università di Bologna, March 8 2021.
- 2021 “Ethics and AI Promises and perils of active responsibility”, PhD course in Computer Science, Università degli Studi di Milano Bicocca, January 26 2021.
- 2020 “Ethics and Design”, master course Landscape Architecture III, Harvard University, October 25 2020.
- 2019 “Ethics and Design”, course Life-support systems, Master degree in Bioengineering, Politecnico di Milano.
- 2019 “Ethics in Artificial Intelligence”, Executive Master in Markets and Technologies of the Future, MIP Business School, Politecnico di Milano.
- 2018 “Epistemologia ed etica della robotica”, course Filosofia della Scienza, Università degli Studi di Firenze.
- 2018 “Ethics in Artificial Intelligence”, Executive Master in Markets and Technologies of the Future, MIP Business School, Politecnico di Milano.
- 2018 “Etica e Intelligenza Artificiale”, ciclo di seminari “Informatica”, Università degli Studi di Milano-Bicocca.

MEDIA AND OUTREACH

- 2024 Invited talk, ICT4Intel Trends, Presidenza del Consiglio dei Ministri, Sistema di Informazione per la Sicurezza della Repubblica, October 23 2024.
- 2024 Keynote talk “Dati, decisioni e responsabilità”, Forum per l’Infanzia, Comune di Milano, October 22 2024.
- 2024 Invited talk, giornata su L’Intelligenza Artificiale nell’attuale dibattito filosofico, giuridico e artistico, Liceo Classico Manzoni Milano, October 11 2024.
- 2024 Invited talk, Festival delle conoscenze, Alessandria (Italy), October 2024 (declined).
- 2024 Invited talk, Rise of the Machines: Is AI Revolutionizing scientists work? Workshop at the Austrian Technology Talks 2024, September 12 2024 (declined).

- 2024 Invited talk, workshop on Using AI in and for Medical Research: Conditions and Forms of Automated Research Assistance, Science Week “Research Ethics” from the German Volkswagen Foundation in Hannover (Germany) August 7-9 2024 (declined).
- 2024 Invited talk, Seminari di cultura matematica “L’etica dell’Intelligenza Artificiale fra vecchie sfide e nuovi problemi”, Politecnico di Milano, April 16 2024.
- 2024 Invited talk, La via delle Scienze Valdagno “IA: un’etica per noi e per le generazioni future”, March 1 2024.
- 2024 Invited lecture, IIS Bertacchi Lecco “Perché abbiamo bisogno della filosofia in un’epoca dominata dall’Intelligenza Artificiale”, February 13 2024.
- 2024 Invited panelis, Safer Internet Day Telefono Azzurro, Politecnico di Milano, February 5 2024.
- 2024 Invited talk, Centro Culturale Luigi Padovese Cucciago “Intelligenza Artificiale ed etica”, February 1 2024.
- 2024 Invited talk Rotary club Monza Brianza “L’etica dell’IA fra vecchi problemi e nuove sfide”, January 11 2024.
- 2023 Invited talk, Fondazione Faraggiana Novara “L’etica dell’IA fra vecchi problemi e nuove sfide”, November 28 2023.
- 2023 Newspaper interview “L’algoritmo? Siamo noi che decidiamo” – Italian Tech La Repubblica, November 9 2023.
- 2023 Invited panelist, Trieste Next Science Festival “Chat-GPT: do you love me?” with Roberto Trotta, Bruce Bassett, Kanta Dihal, September 23 2023.
- 2023 Radio interview on AI and human relationships, Speciali Rai Radio FVG, Speciale “Trieste Next” 2023 September 23 2023.
- 2023 Newspaper article “Chi decide il progetto” – Login Corriere della Sera, April 24 2023.
- 2023 Interview “Perché Chat-GPT ha bisogno di regole” (with Daniele Mont d’Arpizio), Il Bo Live Università di Padova <https://ilbolive.unipd.it/it/news/perche-chatgpt-ha-bisogno-regole>, April 21 2023.
- 2023 Tv interview on AI in education – Fuori TG – RAI 3, April 17 2023.
- 2023 Podcast Ombra Radio della Svizzera italiana (a cura di Alessandro Chiara) <https://www.rsi.ch/rete-due/programmi/cultura/cliche-click/Ombra-16152022.html?f=podcast-shows>, April 16 2023.
- 2022 Invited talk, Intelligenza artificiale e Humanities, Dipartimento di Studi Umanistici dell’Università di Trieste, December 2 2022 (DECLINED).
- 2022 Invited talk, Dal Big Bang all’Intelligenza Artificiale, Dialogo con Roberto Trotta, Biennale Tecnologia Torino, November 12 2022.
- 2022 Invited talk, Trustworthy Artificial Intelligence, ETHOS & TECHNE, L’etica nella progettazione della tecnologia, Fondazione Enrico Mattei Milano, November 11 2022.
- 2022 Invited keynote, Digital Ethics Forum, Sloweb, November 23, 24 2022 (DECLINED).
- 2022 Invited talk, Open Night 2022 - Museo della Scienza e Tecnologia Milano, September 30 2022 (declined).
- 2022 Invited talk, AI in European education, Netherland house for education and Research (Neth-ER), Brussels, June 13 2022 (declined).
- 2022 Invited lecture, Computers, robots and experiments, Lecture in the Public Library of Stuttgart, July 6 2022.
- 2022 Interview Le parole per escludere, le parole per includere: dialogo con Igor Šuran, Politecnico di Milano Pride Week, June 28 2022.
- 2022 TV appearance Stem e discipline umanistiche: il valore della multidisciplinarietà, interview with Rosalba Reggio, Il Sole 24ore TV, June 22 2022.
- 2022 Invited talk, Festival dell’Ingegneria, Università degli Studi di Padova, May 13th 2022 (declined).

- 2022 Invited talk, Unicredit Digital Pitch, Moralizing technologies A challenge for the ethics of XXI century, April 28 2022.
- 2022 Invited talk, L'etica dell'IA, Ciclo di Incontri per studenti, La terra sinistrorsa, Politecnico di Milano.
- 2022 Invited talk, Casa della Cultura di Milano, Le Mille Facce dell'Innovazione, Ancora l'IA, with Federico Cabitza and Giorgio De Michelis, March 7 2022.
- 2021 Invited talk, Piccolo Teatro di Milano, Big Data B&B, Incontro con il pubblico. With Laura Curino and Roberta Carpani, December 2 2021.
- 2021 Podcast (with Alfio Quarteroni), Dialoghi possibili: algoritmi, big data e intelligenza artificiale.
- 2021 Invited interview I Valori Politecnici, interview with Samantha Cristoforetti. Politecnico di Milano (May 2021).
- 2021 Podcast Intelligenza Artificiale. Podcast italiano sull'intelligenza artificiale, February 2021 <https://www.youtube.com/watch?v=HJ7fz2UM-Cw>
- 2021 Invited talk, Etica e tecnologia. Un confronto problematico, I martedì del San Domenico, Centro San Domenico Bologna, February 2021.
- 2020 Book launch, Italian Philosophy of Technology. Socio-Cultural, Legal, Scientific and Aesthetic Perspectives on Technology (con Simona Chiodo, Maurizio Ferraris, Luciano Floridi), Istituto Italiano di Cultura, Londra, December 16 2020.
- 2020 Invited talk, È possibile moralizzare (anche) le tecnologie? Meet me tonight-Faccia a faccia con la ricerca, November 2020.
- 2020 Panel Democrazia e Digitale with Fabio Chiusi, Paolo Coppola, Salvatore Iaconesi e Antonella Napolitano, Biennale Tecnologia Torino, November 2020.
- 2020 Invited talk, È possibile moralizzare in modo democratico le tecnologie dell'informazione?, Digital Ethics Forum, October 2020.
- 2020 Newspaper article Corriere della Sera, Buone Notizie, articolo "Le persone al centro del progresso tecnologico", October 2020.
- 2020 Invited interview, I Valori Politecnici, interview with Fiammetta Borsellino. Politecnico di Milano, May 2020.
- 2020 Invited interview, CONFINI: interview with Viola Schiaffonati, philosopher of science, Gli Stati Generali <https://www.glistatigenerali.com/>.
- 2020 Invited interview, Le app di tracciamento e l'importanza del nostro diritto privacy anche durante l'emergenza: interview with Viola Schiaffonati. Extrema Ratio Associazione <https://extremaratioassociazione.it/>
- 2020 Interview for the podcast Roboassistenti, SISSA Media Lab <https://soundcloud.com/connessionipodcast>
- 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 in the magazine 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.