

CV SUMMARY – VIOLA SCHIAFFONATI

April 28th 2024

1. GENERAL INFORMATION

DATE OF BIRTH 16/08/1974

EDUCATION

2004 **PhD Degree** in Philosophy-Philosophy of Science, Università degli Studi di Genova, Genova
1999 **Master of Science Degree** in Philosophy, Università degli Studi di Milano, Milano (110/110 *cum laude*)

CAREER

2014 – today **Associate Professor**, Dipartimento di Elettronica, Informazione e Bioingegneria, Politecnico di Milano
2024 **Visiting Professor**, TU Wien, Austria (1-30 June 2024)
2024 **Digital Humanism Senior Fellow**, Institute for Human Sciences (IWM) Wien, Austria (1-30 June 2024)
2022 **Ermete Fellow**, University of Stuttgart, Germany (10 days)
2018 **Visiting Professor**, Friedrich-Alexander-Universität Erlangen-Nürnberg Lehrstuhl für Wirtschaftsinformatik, Germany (10 days)
2016 **Visiting Scholar**, Department of Technology, Policy and Management, Philosophy Section, TU Delft, the Netherlands (10 days)
2010 – 2014 **Assistant Professor**, Dipartimento di Elettronica, Informazione e Bioingegneria, Politecnico di Milano
2006 – 2010 **Post-Doc Researcher** (Assegnista di Ricerca), Dipartimento di Elettronica, Informazione e Bioingegneria, Politecnico di Milano
2005 – 2010 **Post-Doc Researcher**, Istituto di Tecnologie della Comunicazione, Facoltà di Comunicazione, Università della Svizzera Italiana, Switzerland
2005 **Visiting Researcher**, Suppes Center for the Interdisciplinary Study of Science and Technology, Stanford University, USA (1 month)
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 (11 months)
2000 – 2004 **PhD Student**, Università degli Studi di Genova, Genova

PARENTAL/ILLNESS LEAVE PERIODS

September 2010 – February 2011 Parental leave
October 2007 – March 2008 Parental leave

NATIONAL HABILITATION

Type of habilitation	Country	SSD (if Italian habilitation) or topic area	Date of achievement
Full Professor	Italy	M-FIL/02 Logic and Philosophy of Science	13/05/2021

RESEARCH INTERESTS

- Philosophy of AI and Robotics, Philosophy of Computer Science, Philosophy and Engineering, Epistemological and Methodological Issues of Computer Engineering, Experiments in Robotics, AI and Computer Science.
- Ethics of AI, Computer and Information Ethics, Value Sensitive Design, Ethical Frameworks for Experimental Technologies.
- Philosophy of Science and Technology, Scientific Models, Computer Simulations.

2. QUALITY OF SCIENTIFIC AND/OR PROJECT PRODUCTION

AWARDS AND RECOGNITIONS (SELECTION OF PAST 10-YEARS)

2024 Digital Humanism **Senior Fellow**, Institute for Human Sciences in Vienna (IWM), Austria.
2022 **Ermete Fellow**, University of Stuttgart, Germany.

INVITED TALKS AND SEMINARS (SELECTION OF PAST 10-YEARS)

2024 **Invited talk** giornata di studi Architettura Disciplina Eteronoma, CSAC Centro Studi e Archivio della Comunicazione, Università degli Studi di Parma, May 24 2024.
2024 **Invited talk** in the lecture series Ethos Center, Università degli Studi di Verona, March 14 2024.
2024 **Keynote panelist** in the 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** workshop *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 Day 1 Inspiring and envisioning purposeful Human-Technology relationships, Politecnico di Milano, January 25 2024.
- 2023 **Invited talk** international conference *Artificial Intelligence: Ethics, Law and Governance*, Università degli Studi di Milano, November 23 2023.
- 2023 **Invited panelist** 2023 IEEE INTERNATIONAL CONFERENCE ON Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering, Milano, October 27, 2023.
- 2023 **Invited panelist** panel “AI and Democracy”, International Conference AISoLA 2023, TU Dortmund, Crete, October 23 2023.
- 2023 **Invited talk** lectures series *Prospettive sull’umanesimo digitale*, Istituto Lombardo Accademia di Scienze e Lettere Milano, October 19 2023.
- 2023 **Invited talk** *Normative Energy Lectures Series*, Philosophy of Engineering, Technology Assessment, and Science (PHILETAS), Karlsruhe Institute of Technology (KIT), July 5 2023.
- 2023 **Invited talk** *Philosophy Seminars: Epistemology, Uncertainty and Rationality*, IUSS Pavia, May 3 2023.
- 2023 **Invited talk** (with Manuel Roveri) *SciTinyML: Scientific Use of Machine Learning on Low-Power Devices*, ICPT Virtual Meeting, Trieste, April 19 2023.
- 2023 **Invited talk** (with Stefano Canali, Alessandro Falcetta, Massimo Pavan) *Garante per la protezione dei dati personali*, Roma, March 22 2023.
- 2023 **Invited talk** lectures series *Theseus Colloquia*, Politecnico di Torino, March 10 2023.
- 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** lectures series *Synergia Seminar* Università di Urbino, May 25 2022.
- 2022 **Invited talk** 4th Workshop on Digital Humanism, March 3 2022.
- 2021 **Invited talk** lecture series *Maven of the Month*, Knowledge Media Institute, Open University, November 3 2021.
- 2021 **Keynote speaker** Ethics4Eu workshop, Chalmers University, September 22 2021.
- 2021 **Invited talk** Munich Center for Mathematical Philosophy, Group of Logic and Philosophy of Language, LMU, Munich, Germany, July 15 2021.
- 2020 **Invited talk** conference Artificial Intelligence and Agnostic Science - Doing Science in the Age of Artificial Intelligence, Sorbonne Center for Artificial Intelligence, December 2020.
- 2020 **Invited talk** workshop Trustworthy AI made in Europe: from Principles to Practice, AI4EU Observatory on Society and AI, 13th November 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.
- 2019 **Invited talk**, lectures series of the European Center of Living Technologies, Università Ca’ Foscari Venezia, December 16 2019.
- 2019 **Keynote speaker** 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**, ETH Philosophy Colloquium, ETH Zurich, May 29 2019.
- 2019 **Invited talk** Séminaire Histoire et Philosophie de l’Informatique et du Calcul (HEPIC), IHSPT, Paris, April 10 2019.
- 2018 **Invited talk** Conference Europe Regulates Robotics, Scuola Superiore Sant’Anna Pisa, September 27 2018.
- 2018 **Invited talk** lecture series JOSEPHS, Friedrich-Alexander-Universität Erlangen-Nürnberg e Fraunhofer IIS, Nuremberg January 23 2018.
- 2017 **Keynote speaker** European Conference on Artificial Life (ECAL) 2017, 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** Philosophy Colloquium, Department of Technology, Policy and Management, Philosophy Section, TU Delft, November 21 2016.
- 2015 **Invited talk** workshop In Silico Medicine, IESE Business School Barcelona, June 3 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.
- 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, TU Delft University, January 24- 25 2014.

INSTITUTIONAL RESPONSIBILITIES (SELECTION OF PAST 10-YEARS)

2023-today	Member (elected) of the steering committee of the Italian Association for Logic and Philosophy of Science (SILFS).
2024-today	Chair of the Research Ethics Committee, Politecnico di Milano.
2022-today	Member of the PhD program Science, Technology and Policy for Sustainable Change (Step-Change), Politecnico di Milano.
2019-today	Director of CINI (National Interuniversity Consortium for Informatics) Laboratory Informatics & Society.
2019-today	Chair of the Committee of the Code of Ethics and Conduct, Politecnico di Milano.
2019-today	Director of CINI (National Interuniversity Consortium for Informatics) Laboratory Informatics & Society.
2017-today	Co-founder of Polimi META 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.

ORGANIZATION OF SCIENTIFIC MEETINGS (SELECTION OF PAST 10-YEARS)

2024	Co-chair of the section “Ethics of Artificial Intelligence” World Congress of Philosophy , Sapienza Università di Roma, Rome August 1-8 2024.
2024	Co-chair of the workshop “BRIO project and Idea League Ethics Working Group”, Politecnico di Milano, Lecco campus, July 3-4.
2023	Chair of the panel “Beyond Chat-GPT: The Impact of AI on Academic Research”, with Moshe Vardi, Edward A. Lee, Jim Larus, Eva Schmidt, AISoLA 2023, TU Dortmund, Crete, October 24, 2023.
2023	Chair of the 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.
2022	Chair (with Paolo Bory and Paolo Volontè) of the conference “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.

Program Committee Member of the following conferences, workshops, lecture series: 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.

PARTICIPATION TO EDITORIAL BOARDS (SELECTION OF PAST 10-YEARS)

2022-today	Associate Editor of the international journal Science and Engineering Ethics.
2013-today	Member of the editorial board of the international 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.

COMMISSIONS OF TRUST (SELECTION OF PAST 10-YEARS)

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	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).
2018-19	Member of the commission for the revision of the Code of Ethics and Conduct, Politecnico di Milano.
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).
2015-today	Participation in the recruitment committee for 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).

3. TEACHING ACTIVITIES

COURSES WITH A PRIMARY ROLE (PAST 10-YEARS)

Institution name	Course name	Credits	No. of students	Reference Course	Study	Time period
TU Wien	Experimentation in the Artificial	5		PhD – Informatics		2024
Politecnico di Milano	Computer Ethics	5	209	CSE – Master Level		2023/2024 (taught from 2016)
Politecnico di Milano	Philosophical Issues of Computer Science	5	114	CSE – Master Level		2023/2024 (taught from 2012)
Politecnico di Milano	Power Systems: Ethical Issues and Social Implications (with Samuele Grillo)	6	38	Master level		2023/2024 (taught from 2021)
Politecnico di Milano and Università Bocconi	Ethics Seminar	2	43	Cyber Risk Strategy and Governance – Master Level		2023/2024 (taught from 2020)
Politecnico di Milano and Humanitas University	Bioethics	1	80	Program in Medicine and Biomedical Engineering (MEDTECH) – Bachelor Level		2022/2023 (taught from 2019)
Politecnico di Milano	Empowering Imagination	5	50	PhD School – Interdoctoral Course		2020/2021
RTWH Aachen, TU Delft, Politecnico di Milano	Ethics of Science and Technology	5	24	IDEA League Doctoral School		2020/2021
Politecnico di Milano	Ethics and Technology	5	50	PhD School – Interdoctoral Course		2019/2020
Università di Pisa	Computer Ethics		25	Dottorato di ricerca, Dipartimento di Ingegneria dell'Informazione		2018/2019
Friedrich-Alexander-Universität	Experimentation in the Digital World		20	PhD Course, Lehrstuhl für Wirtschaftsinformatik		2017/2018

Erlangen-Nürnberg					
Università di Venezia Ca' Foscari	Philosophy of Experimentation		20	PhD Course, Doctoral Program in Computer Science	2015/2016

OTHER EDUCATIONAL ACTIVITIES WHERE YOU HAD A PRIMARY ROLE (PAST 10-YEARS)

2023 MOOC ON “ACADEMIC INTEGRITY AND BEYOND”, POLIMI OPEN KNOWLEDGE.

2021 MOOC ON “ETHICS OF ARTIFICIAL INTELLIGENCE”, POLIMI OPEN KNOWLEDGE-COURSERA.

SUPERVISION OF MASTER, DOCTORAL STUDENTS AND POSTDOCTORAL RESEARCHERSLast 5 years: **Co-advisor of 3 Ph.D. Students** at Politecnico di Milano, **3 Postdoctoral researchers** at Politecnico di Milano.2016 **Opponent Member of Sociology of Science** Doctoral Examination Committees at Università degli Studi di Milano-Bicocca.2014 – present **Advisor/Co-advisor of about 20** Master Students in Computer Engineering Master, Politecnico di Milano.**4. SCIENTIFIC RESPONSIBILITY FOR FUNDED RESEARCH PROJECTS****LEADERSHIP IN COMPETITIVE RESEARCH PROJECTS**

Project Acronym	Time Period	Funding Institution	Funding Scheme	Role of the applicant
Etica e tecnologie emergenti	2024-2027	Fondazione Tronchetti Provera e Politecnico di Milano		Co-PI
AI4REALNET	2023-2027	UE	Horizon Europe	Task leader
FAIR	2023-2026	PNRR	Next Generation UE	WP co-leader (Spoke Adaptative AI)
BRIO	2022-2025	Ministero dell'Università e della Ricerca	PRIN	Local Unit PI
Etica e tecnologie emergenti	2021-2024	Fondazione Tronchetti Provera e Politecnico di Milano		Co-PI
Ethics4EU	2020/2021	UE	Erasmus+	Task leader for the WPs European Values for Ethics in Digital Technologies and Construction of a Community of Practice
Il museo virtuale dell'isola Comacina: un museo del territorio per lo sviluppo locale	2006/2007	CNR	Promozione Ricerca	PI
L'intelligenza artificiale per	2004/2005	CNR	Promozione Ricerca	PI

l'allestimento automatico di musei				
Computational Models in Engineering	2005	Stanford University Center for the Interdisciplinary Study of Science and Technology		PI

5. PUBLICATIONS

Viola Schiaffonati's publications can be found here

https://scholar.google.it/citations?hl=it&user=DZ7YDPEAAAAJ&view_op=list_works&sortby=pubdate