

CURRICULUM VITAE

Simona Tiribelli

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AREAS OF SPECIALIZATION AND INTEREST

AOS: Ethical Theory, Applied Ethics (media ethics, digital ethics, ethics of artificial intelligence)

AOI: Bioethics, Medical Ethics, Public Health Ethics

ACADEMIC EMPLOYMENT

11/2024– Present

Tenure Track Assistant Professor in Ethics (PHIL-03/A)

Department of Political Science, Communication, and International Relations

University of Macerata, Macerata, Italy. Courses: “Communication Ethics” (undergraduate level),

“Ethics of Artificial Intelligence” (graduate level), “Global Justice and Technology” (graduate level)

<https://www.unimc.it/en>

07/2023– Present

Co-founder and Partner of GAIA srl – AI Ethics & Governance

Innovative startup and university spin-off of the University of Macerata – ensuring trustworthy design, development, and deployment of AI solutions, to enhance ethical and legal compliance, societal trust and sustainable advancement of the field (<https://gaia.srl/>).

11/2021– Present

Director for AI Ethics

Institute for Technology & Global Health, Cambridge (MA)

Research and innovation center founded at the MIT Media Lab, Massachusetts Institute of Technology, Cambridge, MA, US (<https://www.itgh.org/>).

02/2022– 11/2024

Junior Assistant Professor in Ethics

Department of Political Science, Communication, and International Relations

University of Macerata, Italy

12/2020 – 01/2022

Research Fellow (Post-doc) in Ethics

Department of Political Science, Communication, and International Relations

University of Macerata, Italy

EDUCATION

07/2021 PhD in “Global Studies. Justice, Rights, Politics

Department of Political Science, Communication, and International Relations, University of Macerata

Date of PhD. Defense: 23/07/2021. Grade: *cum laude* (with honors). Awarded with the additional title of “Doctor Europaeus”. Thesis Title: *Moral Freedom. Free to Choose in the Algorithmic Era*

11/2018 *Diploma of Excellence*

Giacomo Leopardi School of Higher University Studies
University of Macerata, Macerata, Italy

10/2017 *Master's Degree in Philosophical Sciences*

Department of Humanities, University of Macerata
Grade: 110/110 *cum laude* (with honors)

10/2015 *Bachelor's Degree in Philosophy*

Department of Humanities, University of Macerata
Grade: 110/110 *cum laude* (with honors)

FOREIGN LANGUAGE COMPETENCE

- **Italian:** mother tongue
- **English:** excellent (C2)
Certificates:
 - 2016 Cambridge Certificate in Advanced English (CAE)
 - 2014 Cambridge First Certificate in English (FCE)
- **French:** advanced (C1)
Certificate:
 - 2019 European OLS (C1)

FORMAL VISITING ACADEMIC APPOINTMENTS ABROAD

- **2023: Visiting Scholar in Ethics of Artificial Intelligence**
NYU Center for Bioethics, NYU School of Global Public Health
New York University, New York (NY), USA
- **2020: FULBRIGHT Fellow in Ethics of Artificial Intelligence**
MIT Media Lab, MIT Center for Civic Media
Massachusetts Institute of Technology, Cambridge (MA), USA
- **2019: Visiting PhD Researcher in Digital Ethics**
University Paris X – Nanterre, Paris, France

FELLOWSHIPS, GRANTS, AND AWARDS

- **10/2024:** Winner of the public selection procedure for one tenure track position in Ethics (PHIL-03/A) at the Department of Political Science, Communication, and International Relations, University of Macerata, Italy.
- **11/2023:** Awarded the National Scientific Habilitation (ASN) as Associate Professor in Ethics, issued by the Italian Ministry of University and Research.
- **05/2023:** Winner of the Best Paper Award (with Honorable Mention) issued by the IEEE Society on Social Implications of Technology (SSIT) for the paper “Design of an Ethical Framework for the Use of Artificial Intelligence in Cultural Heritage” at IEEE Ethics-2023, Purdue University, USA (with S. Pansoni, M. Paolanti, E. Frontoni, B. Giovanola)
- **07/2022:** Winner of the “FA.I.MOB – Faculty International Mobility 2022/2023” call of the University of Macerata with the research project “AI Ethics and Global Public Health Issues” (to be held at New York University, USA).

- **12/2021:** Winner of the public selection procedure for one fixed-term researcher position as Junior Assistant Professor in Ethics (L. 240/10 Type A, sector 11/C3: Moral Philosophy) at the University of Macerata.
- **12/2020:** Awarded a two-year research fellowship in Ethics (SSD: M-FIL/03) funded by the Marche Region for the project “Ethics and New Technologies for the Prevention and Containment of the COVID-19 Epidemiological Emergency in the Marche Region.”
- **05/2019:** Awarded a FULBRIGHT SCHOLARSHIP and research grant for the project “Freedom of Choice in the Algorithmic Era” at Massachusetts Institute of Technology, Cambridge (USA).
- **03/2019:** Awarded an Erasmus+ scholarship for PhD students for doctoral research at the University of Paris X Nanterre (Paris, France).
- **03/2018:** Winner (first rank) of the selection call for the research project “Urban Spaces and Social Practices” and a mobility grant at Utrecht University (Netherlands).
- **10/2017:** Awarded a PhD scholarship in “Global Studies. Justice, Rights, Politics” with the project “On Freedom of Choice: Rethinking Freedom of Choice in the Onlife World” at the University of Macerata.
- **10/2016:** Awarded an Erasmus+ Key Action scholarship for international mobility and traineeship, Amsterdam, Netherlands.
- **10/2012:** Winner of the public selection for 10 positions and merit scholarships as students of the Giacomo Leopardi School of Higher University Studies (based solely on merit through written and oral examinations), academic pole of excellence at the University of Macerata.

EDITORIAL ROLES IN SCIENTIFIC JOURNALS

- **12/2024–Present:** Associate Editor (Digital Ethics and AI Ethics) of the international open-access scientific journal *Journal of Responsible Technology* (Elsevier), co-directed by M. D. Jirotko (Oxford University) and B. Stahl (University of Nottingham), ISSN: 2666-6596; rated A (top journal) by ANVUR for sector 11/C3 (Ethics).
- **12/2022–Present:** Member of the Editorial Board, *Journal of Responsible Technology* (Elsevier). <https://www.sciencedirect.com/journal/journal-of-responsible-technology>

OTHER ROLES

- **2024–Present:** Member of the Ethics Committee (external advisor) of the Marie Curie Alumni Association (MCAA) (<https://www.mariecuriealumni.eu/groups/mcaa-ethics>).
- **2024–Present:** Member of the Committee on Artificial Intelligence (expert advisor on data ethics) for the Data Protection Officer Association (<https://www.assodpo.it>).
- **2023–Present:** Scientific advisor for Trustworthy AI aspects at C10 Labs, AI-first startups venture studio, Cambridge, USA (<https://www.c10labs.com>).
- **2020–Present:** AI Ethicist advisor at PathCheck Foundation, Cambridge, USA (<https://www.pathcheck.org>).

AFFILIATION WITH SCIENTIFIC SOCIETIES

- **2022–Present:** Member of the Italian Society of Moral Philosophy (SIFM – <https://www.sifm.it>).
- **2022–Present:** Member of the Italian Society of Analytic Philosophy (SIFA – <https://sifaphilosophy.eu>).
- **2020–Present:** Member of the Fulbright Alumni Association (<https://fulbright.org>).

SCIENTIFIC PUBLICATIONS

Books

- **Tiribelli, S. (2023).** *Identità personale e algoritmi. Una questione di filosofia morale [Personal Identity and Algorithms. An Issue of Moral Philosophy]*. Rome: Carocci Editore, 131 pages. (ISBN: 978-88-290-1880-2) <https://www.carocci.it/prodotto/identita-personale-e-algoritmi>
- **Tiribelli, S. (2022).** *Moral Freedom in the Age of Artificial Intelligence*. Milan–London: Mimesis International, 145 pages. (ISBN: 9788869774287) <https://mimesisinternational.com/democratic-deliberation-and-public-bioethics-the-role-of-moderators-in-moral-and-political-disagreements-2/>

Articles in peer-reviewed journals

- **Tiribelli, S. (in press).** “Artificial Intelligence and Moral Progress. A Missing Debate.” *Filosofia morale/Moral Philosophy*, 2025.
- **Calvaresi, D., Carli, R., Tiribelli, S., Buzcu, B., Aydogan, R., Di Vincenzo, A., Mualla, Y., Schumacher, M., Calbimonte, J.P. (2025).** “Computational persuasion technologies, explainability, and ethical-legal implications: A systematic literature review.” *Computers in Human Behavior Reports*, Article 100151. DOI: <https://doi.org/10.1016/j.chbr.2024.100577>
- **Tiribelli, S. (2024).** “Libertà morale e intelligenza artificiale.” *Etica & politica. Rivista di filosofia / Ethics & Politics*, Edizioni Università di Trieste, Volume XXVI, Issue 3, pp. 87–102. (ISSN: 1825-5167)
- **Tiribelli, S. (2024).** “Ingiustizia epistemica, intelligenze artificiali e sfide morali.” *The Future of Science and Ethics*, Fondazione Veronesi ETS, pp. 15–21. DOI: 10.53267/20240101
- **Tiribelli, S., & Calvaresi, D. (2024).** “Rethinking Health Recommender Systems for Active Aging: An Autonomy-Based Ethical Analysis.” *Science and Engineering Ethics*, 30(22), pp. 1–24. (ISSN: 1471-5546). DOI: 10.1007/s11948-024-00479-z
- **Tiribelli, S., Pansoni, S., Frontoni, E., & Giovanola, B. (2024).** “Ethics of Artificial Intelligence for Cultural Heritage: Opportunities and Challenges.” *IEEE Transactions on Technology and Society*, 5(3), pp. 293–305, September 2024. DOI: 10.1109/TTS.2024.3432407
- **Tiribelli, S., Giovanola, B., Pietrini, R., Frontoni, E., & Paolanti, M. (2024).** “Embedding AI ethics into the design and use of computer vision technology for consumer’s behavior understanding.” *Computer Vision and Image Understanding*, 248, Article 104142. DOI: <https://doi.org/10.1016/j.cviu.2024.104142>
- **Shah, S. F. H., Arecco, D., Draper, H., Tiribelli, S., Harriss, E., Matin, R. N. (2024).** “Ethical implications of artificial intelligence in skin cancer diagnostics: use-case analyses.” *British Journal of Dermatology*, 190(6), pp. 789–797. (ISSN: 0007-0963). DOI: 10.1093/bjd/ljae434

- **Stacchio, L., Balloni, E., Gorgoglione, L., Mancini, A., Giovanola, B., Tiribelli, S., & Zingaretti, P. (2024).** “An ethical framework for trustworthy Neural Rendering applied in cultural heritage and creative industries.” *Frontiers in Computer Science*, 6, Article 1459807. DOI: 10.3389/fcomp.2024.1459807
- **Paolanti, M., Tiribelli, S., Giovanola, B., Mancini, A., Frontoni, E., & Pierdicca, R. (2024).** “Ethical Framework to Assess and Quantify the Trustworthiness of Artificial Intelligence Techniques: Application Case in Remote Sensing.” *Remote Sensing*, 16, Article 4529. DOI: 10.3390/rs16234529
- **Mhlambi, S., & Tiribelli, S. (2023).** “Decolonizing AI Ethics: Relational Autonomy as a Means to Counter AI Harms.” *Topoi*, 42, pp. 867–880, 1–14. DOI: 10.1007/s11245-022-09874-2
- **Migliorelli, L., Tiribelli, S., Cacciatore, A., Giovanola, B., Frontoni, E., & Moccia, S. (2023).** “Accountable Deep-Learning-Based Vision Systems for Preterm Infant Monitoring.” *Computer*, 56(5), pp. 84–93. (ISSN: 0018-9162). DOI: 10.1109/MC.2023.3235987
- **Tiribelli, S. (2023).** “Inequalities and Artificial Intelligence.” *Filosofia Morale/Moral Philosophy*, Issue 3, pp. 187–198. DOI: 10.7413/fmmp0032
- **Tiribelli, S., Monnot, A., Shah, S. F. H., Arora, A., Toong, P. J., & Kong, S. (2023).** “Ethics Principles for Artificial Intelligence-Based Telemedicine for Public Health.” *American Journal of Public Health*, 113(5), pp. e1–e8. DOI: 10.2105/AJPH.2023.307225
- **Pansoni, S., Tiribelli, S., Paolanti, M., Di Stefano, F., Frontoni, E., Malinverni, E. S., & Giovanola, B. (2023).** “Artificial Intelligence and Cultural Heritage: Design and Assessment of an Ethical Framework.” *International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, 46, pp. 1149–1155. DOI: 10.5194/isprs-archives-XLVIII-M-2-2023-1149-2023
- **Tiribelli, S. (2023).** “The AI Ethics Principle of Autonomy in Health Recommender Systems.” *Argumenta*, 16, pp. 1–18. DOI: 10.14275/2465-2334/20230.TIR
- **Giovanola, B., Tiribelli, S., Frontoni, E., & Paolanti, M. (2023).** “Ethical Implications of Artificial Intelligence in the Fashion Industry: A Comprehensive Analysis.” *Fashion Highlight*, Issue 2, pp. 22–28. DOI: 10.36253/fh-2497
- **Giovanola, B., & Tiribelli, S. (2022).** “Beyond Bias and Discrimination: Redefining the AI Ethics Principle of Fairness in Healthcare Machine-Learning Algorithms.” *AI & Society*, 38, pp. 549–563. DOI: 10.1007/s00146-022-01455-6
- **Tiribelli, S. (2022).** “Oltre la privacy informazionale: Libertà di scelta e di identità nell’era della profilazione algoritmica.” *Itinerari*, 61(2), pp. 161–194.

- **Giovanola, B., & Tiribelli, S. (2022).** “Weapons of Moral Construction? On the Value of Fairness in Algorithmic Decision-Making.” *Ethics and Information Technology*, 24(3), pp. 1–13. DOI: 10.1007/s10676-022-09622-5
- **Riva, G., & Tiribelli, S. (2022).** “Moral and Legal Autonomy in the Era of Artificial Intelligence.” *S&F ScienzaeFilosofia.it*, 28, pp. 166–202.
- **Giovanola, B., & Tiribelli, S. (2022).** “Equità e decisioni algoritmiche.” *Teoria*, 42, pp. 117–130. DOI: 10.4454/teoria.v42i2.160
- **Tiribelli, S. (2022).** “Artificial Agency and Moral Agency: Conceptualizing the Relationship and its Ethical Implications on Moral Identity Formation.” *S&F ScienzaeFilosofia.it*, 27, pp. 54–68.
- **Tiribelli, S. (2021).** “Debating Buchanan’s Our Moral Fate: Why Exercising Moral Reasoning Cannot Be a Luxury Good.” *Jus Cogens*, 3, pp. 59–71. DOI: 10.1007/s42439-021-00039-0

Peer-reviewed book chapters

- **Tiribelli, S., & Coretti, N. (in press).** “The Ethics of Sustainability in Urban AI.” In A. Bartolacelli (Ed.), *The Prism of Sustainability: Multidisciplinary Profiles: Law, Economics, and Ethics*. Editoriale Scientifica, Naples.
- **Tiribelli, S. (in press).** “Toward Healthcare (Social) Justice: On the Value of Biases in Healthcare AI.” In M. Altman and D. Schwan (Eds.), *Ethics and Medical Technology: Essays on Artificial Intelligence, Enhancement, Privacy, and Justice*. Springer.
- **Tiribelli, S. (2024).** “Who Decides What Online and Beyond: Freedom of Choice in Predictive Machine-Learning Algorithms.” In J. Casas-Roma, S. Caballe, & J. Conesa (Eds.), *Ethics in Online AI-Based Systems* (pp. 299–321). Elsevier. (ISBN: 9780443188510)
- **Stacchio, L., Pierdicca, R., Paolanti, M., Zingaretti, P., Frontoni, E., Giovanola, B., & Tiribelli, S. (2024).** “XRAI-Ethics: Towards a Robust Ethical Analysis Framework for Extended Artificial Intelligence.” In *2024 IEEE International Symposium on Mixed and Augmented Reality Adjunct (ISMAR-Adjunct)*, pp. 214–219. IEEE Computer Society. DOI: 10.1109/ISMAR-Adjunct64951.2024.00052 (ISBN:979-8-3315-0691-9)
- **Petrocchi, E., Tiribelli, S., Paolanti, M., Giovanola, B., Frontoni, E., & Pierdicca, R. (2024).** “GeomEthics: Ethical Considerations about Using Artificial Intelligence in Geomatics.” In *Image Analysis and Processing – ICIAP 2023 Workshops* (Vol. III, pp. 282–293). Springer Cham. (ISBN: 978-3-031-51026-7)
- **Tiribelli, S. (2024).** “Autonomia relazionale e intelligenza artificiale.” In O. Tolone & M. Anzalone (Eds.), *Etiche applicate e nuovi soggetti morali* (pp. 413–419). Orthotes Editrice. (ISBN: 978-88-9314-432-2)

- **Tiribelli, S. (2023).** “Intelligenza artificiale e progresso morale.” In S. Dadà, A. Fabris, & V. Neri (Eds.), *Etica, conoscenza, spazio pubblico* (Vol. IX, pp. 209–219). Orthotes Editrice. (ISBN: 9788846765529)
- **Pansoni, S., Tiribelli, S., Paolanti, M., Frontoni, E., & Giovanola, B. (2023).** “Design of an Ethical Framework for Artificial Intelligence in Cultural Heritage.” In *2023 IEEE International Symposium on Ethics in Engineering, Science, and Technology (ETHICS)* (pp. 1–5). IEEE. (ISBN: 978-1-6654-5713-2)
- **Giovanola, B., & Tiribelli, S. (2023).** “Giustizia sociale e progresso morale.” In F. Palmieri & B.M. Ventura (Eds.), *Etica, economia, ecologia. Sguardi sulla complessità* (pp. 101–116). Edizioni ETS. (ISBN: 9788846765529)
- **Tiribelli, S. (2023).** “La dimensione etica e politica dell’algoritmo.” In A. Sterpa (Ed.), *L’ordine giuridico dell’algoritmo* (pp. 33–47). Editoriale Scientifica. (ISBN: 979-12-5976-844-5)
- **Cacciatore, A., Migliorelli, L., Berardini, D., Tiribelli, S., Pigliapoco, S., & Moccia, S. (2022).** “Some Ethical Remarks on Deep Learning-Based Movements Monitoring for Preterm Infants: Green AI or Red AI?” In P. L. Mazzeo, E. Frontoni, S. Sclaroff, & C. Distanti (Eds.), *Image Analysis and Processing* (Vol. 2, pp. 165–175). Springer. (ISBN: 978-3-031-13324-4)
- **Tiribelli, S. (2020).** “Predeterminazione algoritmica e libertà di scelta.” In L. Alici & F. Miano (Eds.), *L’etica nel futuro* (Vol. V, pp. 431–441). Orthotes Editrice. (ISBN: 978-88-9314-247-2)
- **Tiribelli, S. (2019).** “Nuovi media e bellezza: la narrazione estetica del sé tra potenziamento e falsificazione.” In S. Achella & F. Miano (Eds.), *Etica e bellezza* (Vol. III, pp. 263–272). Orthotes. (ISBN: 978-88-9314-192-5)