

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

- 2022-present **Assistant Professor of Moral Philosophy** (junior – RTD-a)
University of Macerata
Courses and labs taught: “Communication Ethics” (undergraduate level)
“Ethics of Artificial Intelligence” (graduate level)
“Global Justice and Technology” (graduate level)
- 2021-present **Director for Artificial Intelligence and Technology Ethics**,
Institute for Technology and Global Health, Boston, USA
Courses taught (“Health, Technology, & Society” Summer Education
Program): “Ethics of Artificial Intelligence” (undergraduate)
“Technology & Society” (undergraduate)
Responsible for the Ethics Chapter of the World Health Organization-
International Telecommunications Union *AI for Health* focus group
(FG) “AI for Outbreak”.
- 2021-2022 **Research Fellow in Moral Philosophy** (post-doc),
University of Macerata

VISITING APPOINTMENTS

- 2023 *Visiting Scholar* | Ethics of AI for Public Health
NYU Center for Bioethics, NYU School of Global Public Health
New York University
- 2020 *Fulbright Fellow* | AI Ethics
MIT Media Lab, MIT Center for Civic Media
Massachusetts Institute of Technology
- 2019 *Visiting PhD Researchers* | Digital Ethics
University Paris X – Nanterre

EDUCATION

- 2021 **Ph.D.** Global Studies. Justice, Rights, Politics (*with honors – summa cum laude*),
Awarded of the additional title of Doctor Europaeus | University of Macerata
Dissertation title: “Moral Freedom: Free to choose in the Algorithmic era”
- 2018 **Diploma of Excellence** | “Giacomo Leopardi” School of Advanced Studies
University of Macerata
- 2017 **M.A.** Philosophical Sciences (*summa cum laude*), University of Macerata
- 2015 **B.A.** Philosophy (*summa cum laude*), University of Macerata

FOREIGN LANGUAGE COMPETENCE

Italian: mother tongue

English: excellent (C2)

Certificates:

2016 Cambridge Certificate in Advanced English (CAE)

2014 Cambridge First Certificate in English (FIRST)

French: advanced (C1)

Certificate: 2019 European OLS (C1)

TECHNOLOGICAL TRANSFER AND THIRD MISSION ACTIVITY

- 2023-present Co-founder of the **startup “GAIA s.r.l.”**, spin off of the University of Macerata
focused on artificial intelligence and ethical-legal risk assessment <http://gaia.srl>

PUBLICATIONS

Books

- 2023 *Identità personale e algoritmi. Una questione di filosofia morale*, Carocci, Roma [trad.
Personal Identity and Algorithms. An Issue of Moral Philosophy]
- 2022 *Moral Freedom in the Age of Artificial Intelligence*, Mimesis International,
Milan-London

Articles and Chapters

- 2023 (with D. Calvaresi) *Rethinking Health Recommender Systems for Active Aging:
An autonomy-based ethical analysis*, “Science and Engineering Ethics”
(forthcoming)
- (with N. Coretti Sánchez) *The Ethics of Sustainability in Urban AI*, in A. Bartolacelli (ed.),
The Prism of Sustainability. Multidisciplinary profiles: law, economics and ethics,
Editoriale Scientifica, Naples (forthcoming)

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*, ELSEVIER, Amsterdam, pp. 107 – 139 (ISBN: 9780443188510) (forthcoming)

(with L. Migliorelli, A. Cacciatore, E. Frontoni, B. Giovanola, S. Moccia), *Accountable Deep-Learning-Based Vision Systems for Preterm Infant Monitoring*, “COMPUTER”, 56, New York, IEEE; pp. 84 - 93 DOI: [10.1109/MC.2023.3235987](https://doi.org/10.1109/MC.2023.3235987)

(with S. Mhlambi) *Decolonizing AI Ethics: Relational Autonomy as a Means to Counter AI Harms*, “TOPOI”, Springer, Dordrecht, pp. 1 – 14, DOI: 10.1007/s11245-022-09874-2

The AI Ethics Principle of Autonomy in Health Recommender Systems, “ARGUMENTA”, 16, Sassari, University of Sassari; pp. 1 – 18 DOI: [10.14275/2465-2334/20230.TIR](https://doi.org/10.14275/2465-2334/20230.TIR)

Inequalities and artificial intelligence, in A. Donise e R. Mordacci, *Filosofia Morale/Moral Philosophy*, 3, MIMESIS EDIZIONI; Milano – Udine, pp. 187 - 198 (ISBN: 9791222303239)

Intelligenza artificiale e progresso morale, in S. Dadà, A. Fabris, V. Neri (eds.), *Etica, conoscenza, spazio pubblico*, Orthotes, Napoli, pp. 33-53 [*Artificial intelligence and moral progress*] ISBN: 978-88-9314-373-8

(with A. Monnot, S. F. Shah, A. Arora, P. J. Toong, S. Kong), *Ethics Principles for Artificial Intelligence-Based Telemedicine for Public Health* in “AMERICAN JOURNAL OF PUBLIC HEALTH”; 5; Washington, DC, American Public Health Association; pp. e1 - e8 DOI: [10.2105/AJPH.2023.307225](https://doi.org/10.2105/AJPH.2023.307225)

(with B. Giovanola), *Beyond Bias and Discrimination. Redefining the AI Ethics Principle of Fairness in Healthcare Machine-Learning Algorithms*, “AI & Society”, 38, pp. 549-563, <https://doi.org/10.1007/s00146-022-01455-6>

(with S. Pansoni, M. Paolanti, E. Frontoni, B. Giovanola) *Design of an Ethical Framework for Artificial Intelligence in Cultural Heritage*, in *2023 IEEE International Symposium on Ethics in Engineering, Science, and Technology (ETHICS)* (ISBN: 978-1-6654-5713-2), pp. 1-5

(with S. Pansoni, M. Paolanti, F. Di Stefano, E. Malinverni, E. Frontoni, B. Giovanola) *Artificial Intelligence and Cultural Heritage: Design and Assessment of an Ethical Framework*, in *29th CIPA Symposium on Documenting Understanding, Preserving Cultural Heritage. Humanities and Digital Technologies for Shaping the Future*, XLVIII-M-2-2023, The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, pp. 1149-1155

(with B. Giovanola) *Giustizia sociale e progresso morale*, in F. Palmieri and B.M. Ventura (eds.), *Etica, Economia, Ecologia. Sguardi sulla complessità*, ETS, Pisa, pp. 101-116 [*Social Justice and Moral Progress*] ISBN: 978-88-9314-373-8

(with B. Giovanola), *Beyond Bias and Discrimination. Redefining the AI Ethics Principle of Fairness in Healthcare Machine-Learning Algorithms*, "AI & Society", Special Issue "AI4People", <https://doi.org/10.1007/s00146-022-01455-6>

Artificial agency and moral agency. Conceptualizing the relationship and its ethical implications on moral identity formation, S&F SCIENZA E FILOSOFIA.IT., 27; Napoli, Nevermind Srls; pp. 54 - 68 (ISSN: 2036-2927)

(with A. Cacciatore, L. Migliorelli, D. Berardini, P. Pigliapoco, S. Moccia) *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. Distantè, (eds.), *Image Analysis and Processing. Lecture Notes in Computer Science*, vol. 13374. Springer Cham. ISBN: 978-3-031-13323-7.

(with B. Giovanola) *Weapons of Moral Construction? On the Value of Fairness in Algorithmic Decision-Making*, "Ethics and Information Technology" 24, 3: DOI: <https://doi.org/10.1007/s10676-022-09622-5>

(with G. Riva) *Moral and Legal Autonomy in the Era of Artificial Intelligence* in S&F SCIENZA E FILOSOFIA.IT.; 28; Napoli, Nevermind Srls; pp. 166 - 202 (ISSN: 2036-2927)

(with B. Giovanola) *Equità e decisioni algoritmiche*, "Teoria", 33, 2/2022, pp. 117-129

2021 *Debating Buchanan's Our Moral Fate: Why Exercising Moral Reasoning Cannot Be a Luxury Good*, "Jus Cogens", 3, pp. 59-71. DOI: <https://doi.org/10.1007/s42439-021-00039-0>

Moral Freedom. Free to Choose in the Algorithmic Era, U-PAD (PhD Dissertation, Università degli Studi di Macerata–Pubblicazioni Aperte Digitali, 214 pp. 190).

2020 (with F. Bermejo, L. Reggi, E. Zuckerman) *Coverage of COVID-19 and Political Partisanship: comparing across nations*, "MIT Center for Civic Media". <https://civic.mit.edu/2020/04/03/coverage-of-covid-19-and-political-partisanship-comparing-across-nations/>

Predeterminazione algoritmica e libertà di scelta in L. Alici and F. Miano (eds.), *Etica nel Futuro*, Orthotes, Napoli, pp. 431-441. ISBN: 978- 88-9314-247-2.

2019 *Nuovi Media e Bellezza. La narrazione estetica del sé tra potenziamento e falsificazione*, in S. Achella and F. Miano (eds.), *Etica e bellezza*, Orthotes, Napoli, pp. 263-272. ISBN: 978-88-9314-192-5

