

WORKSHOP **The ecological
and carbon footprint
of emerging technologies
on human health:**
a multi- and interdisciplinary discussion

19.03.2025 | 2 pm → 6 pm



UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA U1 Atlas Building - Room 01 - Piazza della Scienza 1, 20126 Milano 

Workshop program

14:00 Institutional greetings

Gabriella Pasi, Prorector for International Relations ¹
Nataschia Marchei, Director of the School of Law ¹

14:15 - 16:30 1st Panel Multi-Interdisciplinary dialogue: experiences from different countries

Chair: Silvia Salardi ^{1, 2}

Moderator: Gabrielle Samuel ^{2, 14}

Speakers: Regina Grossmann ³ Climate and environmental impact of clinical research
Federica Lucivero ^{4, 2} Environmentally sustainable health research: from 'tool solutionism'
to a context sensitive, just, systems-focused and reflexive approach

Fiona Miller ^{2, 5} Governance capacity for sustainability transitions in the health sector:
the case of Canada

Mary Pitt ^{2, 14} From carbon calculators to systems thinking: a green digital health tool

Mercury Shitindo ^{6, 2} From digital innovation to environmental responsibility: exploring the
ethical landscape of health research in Kenya and Senegal

Manjulika Vaz ^{7, 2} E-waste: the hidden stories from regulatory solutionism to moral capitalism

16:30 - 18:00 2nd Panel A philosophical-legal discussion on legal strategies

Chair: Carla Maria Gulotta ¹

Moderator: Marta Sosa Navarro ¹

Speakers: Attilio Pisanò ⁸ Climate change, strategic litigation and One Health approach

Diana Cerini ^{1, 9} Access to health services, insurance and sustainability issues

Silvia Salardi ^{1, 2, 10} How to solve the ethical paradox between the duty to care and the
ecological-climate footprint of the health sector?

Carmen Márquez Carrasco ¹¹ Integrating sustainability standards into digital health
technologies: a holistic approach to environmental and social
corporate responsibility in EU healthcare

Claudia Severi ^{12, 13} AI's carbon footprint: European regulatory perspectives

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Affiliations

- 1 University of Milano-Bicocca
- 2 SHADE [Sustainability, Health, AI, Digital technologies, and the Environment] Research Hub
- 3 Clinical Trials Center CTC, University Hospital of Zurich
- 4 Ethox Centre, Nuffield Department of Population Health, University of Oxford
- 5 Institute of Health Policy, Management and Evaluation, Collaborative Centre for Climate, Health & Sustainable Care, University of Toronto
- 6 Africa Bioethics Network: University of Zaragoza, Spain
- 7 Division of Health and Humanities, St. John's Research Institute, Bangalore, India
- 8 University of Salento
- 9 University of Milano-Bicocca - CELIS
- 10 Ethics Committee of the University of Milano-Bicocca
- 11 University of Sevilla, Department of Public International Law and International Relations
- 12 University of Modena and Reggio Emilia Fondazione Collegio San Carlo Modena
- 13 Almo Collegio Borromeo di Pavia
- 14 Department of Global Health and Social Medicine, King's College London

Scientific coordination

Silvia Salardi

Organizing committee

Douglas Luis Binda Filho
Francesco Stocchi



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