From Digitalisation to Artificial Intelligence: New Scenarios for Health and Medicine

Program at glance

Thursday, February 12

09:00 – 10:00	Registration
10:00 – 10:15	Welcome Remarks
10:15 – 10:30	Introduction to the Two-Day Program
10:30 – 12:30	Parallel sessions (1A / 1B / 1C)
12:30 – 14:00	Lunch Break
14:00 – 15:30	Round Table
15:30 – 16:00	Coffee Break
16:00 – 18:00	Parallel sessions (2A / 2B)
20:00	Conference Dinner

Friday, February 13

10:00 – 12:00	Parallel sessions (3A / 3B)
12:00 – 12:30	Closing Remarks / Conclusion of Works

Program

Thursday, February 12   10:30-12:30

Session 1A – Automation and AI in clinical practice
Chairs: Veronica Moretti, Francesco Miele
1. *Can a chatbot be a psychologist? AI, empathy, and the limits of automation*, Noemi Crescentini (University of Naples Federico II), Giulia Banfi (University of Ferrara)
2. *Co-designing an inclusive digital health technology for and with COPD patients living in low SEP*, Renate Baumgartner (Vrije Universitat Amsterdam)
3. *Navigating risk in dementia care: AI, in-between modes of reasoning, and sense-making practices*, Martina Consoloni (University of Bologna), Veronica Moretti (University of Bologna)
4. *Negotiating knowledge in dementia care: AI-based technologies, night monitoring and epistemic tensions*, Ludovica Rubini (University of Trieste), Francesco Miele (University of Trieste), Carmen Pellegrinelli (University of Trieste)
5. *Seeing with AI: uncertainties in mammography screening*, Dorthe Kristensen (Syddansk Universitet), Minna Ruckenstein (University of Helsinki)
6. *Capturing pain with computer algorithms: automated pain assessment and the problem of chronicity*, Amelie Lange (Denmarks Technical University, DTU)

Session 1B – Ethics and risk in AI-mediated care
Chairs: Enrico Maria Piras, Paolo Giardullo
1. *Ethics of algoagents: rethinking responsibility and care in AI-mediated medicine*, Edmondo Grassi (University of Rome San Raffaele)
2. *Can we give informed consent to AI-induced medical interventions?*, Yuval Poliak (University of Haifa)
3. *Data altruism and data spaces in healthcare: secure, privacy-preserving, and compliant digital infrastructures for improved healthcare services powered by trustworthy AI techniques*, Silvio Ranise (Bruno Kessler Foundation)
4. *Imagining risk in AI-based neuroprosthetics: sociotechnical futures of care in Parkinson's disease*, Barbara Morsello (University of Padova), Federico Neresini (University of Padova)
5. *Between code and care: the sociologist's role in interdisciplinary AI for health*, Riccardo Pronzato (IULM University), Veronica Moretti (University of Bologna)
6. *Privacy and Data Protection Public Policy in Menstrual Tracking Apps: A Study on Implementation Mechanisms and Users' Rights in Brazil*, Gabrielle Canalli (University of Twente / University Federal of Paraná), Noela Invernizzi (University Federal of Paraná)

Session 1C – Governing healthcare AI: Standards, regulation and policies
Chairs: Barbara Sena, Flavia Atzori
1. *Digital social determinants of health: inequality and the algorithmic reproduction of vulnerability in AI-driven healthcare*, Davide Costa (University Magna Graecia of Catanzaro), Raffaele Serra (University Magna Graecia of Catanzaro)
2. *Telerehabilitation after the Covid-19 pandemic: current state, Regional differences, and future perspectives*, Valeria Busbani (University Magna Graecia of Catanzaro)
3. *Making AI explainable: the politics of algorithmic (in)visibility in biomedicine*, Lorenzo Beltrame (University of Trento), Fabio Gasparini (University of Padova)

4. *Hypothetical enrollment - An anticipatory situated method to assess the implementation of AI diagnostics in clinical settings*, Lorenzo Olivieri (University of Bologna), Claudia Montanaro (University of Amsterdam), Annalisa Pelizza (University of Bologna).
5. *The datafied patient: algorithmic governance and the reconfiguration of care in AI-driven telemedicine*, Qaisar Ali (Yuan Ze University), Ihsan Ullah (Yuan Ze University), Maisam Abbas (Yuan Ze University), Muhammad Hussain (Yuan Ze University), Muhammad Hassan (University of Udine, Bruno Kessler Foundation)

Thursday, February 12   14:00-15:30

Round Table
Moderators: Stefano Crabu, Marta Gibin

Participants:

● Giuseppe Jurman (Fondazione Bruno Kessler / Humanitas University): data scientist
● Michele Tizzoni (University of Trento): computational social scientist
● Paolo Guarda (University of Trento): jurist
● Laura Sartori (University of Bologna): sociologist

Thursday, February 12   16:00-18:00

Session 2A – Healthcare professions and AI: trust, autonomy, and transforming clinical work
Chairs: Veronica Moretti, Enrico Maria Piras
1. *Medical professionals negotiating with Artificial Intelligence (AI) in Italy: authority, autonomy and boundary work*, Laura Sartori (University of Bologna), Marianna Musmeci (University of Bologna)
2. *Telemedicine for patient-physician communication: the perspectives of primary care physicians*, Ariela Popper-Giveon (David Yellin Academic College), Yael Keshet (Western Galilee College)
3. *Epistemic mediators in the Age of AI: recalibrating trust, risk, and the doctor-patient relationship in robotic- and AI-enhanced care*, Linda Lombi (Catholic University of the Sacred Heart), Eleonora Rossero (Independent researcher)
4. *Between promises and risks: how healthcare professionals imagine the role of AI in times of crisis*, Veronica Moretti (University of Bologna), Flavia Atzori (University of Bologna), Elisa Castellaccio (University of Bologna)
5. *Professional tinkering and organisational reflexivity to make algorithms useful for clinical practice. The case of cardiological telemonitoring*, Ivan Galligani (University of Bergamo), Barbara Sena (University of Bergamo)

Session 2B – Governing Healthcare AI: Standards, regulation and policies
Chairs: Alberto Ardissone, Attila Bruni

1. *"Sailing the ship while building it": navigating healthcare AI innovation between global standards and local experimentation*, Liat Bela Lifshitz-Milwidsky (Ben-Gurion University of the Negev), Aviad Raz (Ben-Gurion University of the Negev), Yael Inbar (Tel Aviv University)

2. *Automating Pain Governance: Narxcare and algorithmic risk in U.S. clinical practice*, Amelie Lange (Denmarks Technical University, DTU), Benjamin Lipp (Denmarks Technical University, DTU)

3. *Algorithmic governance and the politics of value: AI low-code platforms and AI on-device in the sociotechnical transformation of value-based health care*, Isabel Ventura Pereira (University of Coimbra)

4. *Consumer desire vs. regulatory and ethical precaution: AI and embryo selection in global perspective*, Aviad Raz (Ben-Gurion University of the Negev), Shiri Shkedi-Rafid, Aurélie Halsband, Robert Langner

5. *Public data governance and inequalities: the case-study of the Immuni app*, Marco Palmieri (University of Roma Sapienza)

Friday, February 13   10:00-12:00

Session 3A – Patienthood in the age of AI: lived experience, ageing and algorithmic health
Chairs: Alberto Ardissone, Stefano Crabu

1. *Digital divides in informal care: The role of caregiver–recipient dyads among older adults in Italy*, Emanuela Sala (University of Milano Bicocca), Paolo Candio (University of Trento), Alhassan Yosri Ibrahim Hassan (INRCA), Giovanni Lamura (INRCA), Marco Terraneo (University of Milano Bicocca)

2. *What if 'healthy' is not all I want to be?,* Jose Luis Guerrero Quiñones (Institute of Philosophy of the Czech Academy of Sciences)

3. *The body as battery: the role of algorithmic scores in understandings of health and illness*, Ann Kristin Augst (Dortmund University)

4. *Aging with artificial intelligence: perceptions, opinions and practices in the sociotechnical construction of smart ageing*, Gabriele Ioriatti (independent researcher)

5. *Quantifying illness: quality of life as a sociotechnical object in AML care between lived experience and digital futures*, Elisa Castellaccio (University of Bologna)

Session 3B – Healthcare Professions and AI: Trust, Autonomy, and Transforming Clinical Work
Chairs: Marta Gibin, Barbara Sena

1. *The tech-enabled turn: transforming medical training to bridge gender gaps*, Arianna Radin (University of Torino)

2. *AI and the future of primary care in Italy: between challenges and opportunities*, Martina Consoloni (University of Bologna)

3. *Personalised AI-based clinical training: counterfactual evaluation of the GLARE-Edu platform*, Greta Sofia Lampis (Bruno Kessler Foundation), Alessio Bottrighi (University of Piemonte Orientale), Sergiu Constantin Burlacu (Bruno Kessler Foundation), Luigi Castello (University of Piemonte Orientale), Luca Piovesan (University of Piemonte Orientale), Erica Raina

(University of Piemonte Orientale), Annalisa Roveta (Alessandria Hospital), Paolo Terenziani (University of Piemonte Orientale)
4. *WhatsApp, RCTS and the virus: digital infrastructures and moral agency in pandemic medicine*, Roberto Lusardi (University of Bergamo), Rosario Aprile (University of Bergamo)
5. *Therapeutic relationship and communication in the era of digital healthcare*, Lucia Galvagni (Bruno Kessler Foundation)

Practical information

Venue
Department of Sociology and Social Research,
Via Verdi 26, Trento, Italy
The venue is in the city centre, 10-15 min. from the train station (walking).

Conference dinner
The dinner will be held at Trattoria Piedicastello, Piazza di Piedicastello 12, Trento.
The restaurant is a 15-minute walk from the conference venue.
The cost of dinner is €35 per person.

For any queries, please contact
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Please address your email to both to ensure a faster reply.