

Ministero dell'Università <u>e della</u> Ricerca



FAIR Spoke Workshop 2025

March 26-27, 2025

Bologna Via Zamboni 38 Aula V (day 1) Aula Tibiletti (day 2)

Organizing Committee

Andrea Galassi, Salvatore Messina, Michela Milano, Francesco Sensi & Federica Zonzini Alma Mater Studiorum - University of Bologna

Registration until March 19, 2025:



https://forms.office.com/e/t2VgEXCSrW













Pervasive Al





2nd Year Workshop

DAY 1 - 03/26/2025 Aula V

9.00 – 9.30 Introduction from Spoke leader

9.30 - 10.30

- WP1 Applications of Network Internal Statistics
- AIR (University of Ferrara) Advanced Integrated Machine Learning
- **GECOPAM** (University of Torino) AI techniques, process mining and knowledge management for decision support

10.30 – 11.00 Coffe Break (Aula Celio)

11.00 - 11.45

- <u>WP2</u> Opening the AI blackbox through the lens of hard sciences and viceversa
- **Qxtreme** (University of Milan) Quantum physics informed neural networks to solve differential equations

11.45 - 13.00

- WP3 Visual and Multimodal Perception in Pervasive Systems
- **DL-MIG** (University of Parma) Multimodal AI: exploring solutions for cross-modal representation learning
- **SSRWP** (T.P.S. S.r.l.) Smart Safety: Revolutionizing Worker Protection in Manufacturing with Digital Twins and AI
- FINBUDDY (3rdPlace S.r.l.) FINance chatBot: Understanding and Developing DYnamics

13.00 – 14.00 Lunch break (Aula Celio)

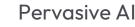
14.00 - 15.00

- WP8 Pervasive AI: implementations and applications across different domains
- **A.I.A.C.T.** (University of Naples) The A.I.A.C.T. Project: How to Preventi Bias in Artificial Intelligence for Healthcare

15.00 – 15.30 Coffe Break (Aula Celio)

15.30 – 16.30 Presentations and Discussion Panel

- Bonfiglioli Riduttori S.p.a. READI
- Optit S.r.l. MILA
- INGENIARS SRL SQUALO
- MATERICA LAB SRL
- Datrix S.p.A.
- Bracco
- Leonardo







2nd Year Workshop

DAY 2 - 03/27/2025 Aula Tibiletti

9.00 - 10.00

- WP5 AI and Regulatory Compliance: Computable Law and Ethics
- ExtrAAI (University of Torino) ExtrAI: Development of language technologies for
- knowledge extraction and classification in the legal domain
 - Faith (University of Parma) Legal profiles of AI applied to healthcare
 - UseAI (University of Padova) Beyond compliance: AI Act made usable in healthcare

10.00 - 10.45

- WP7 Exploring artificial and human creativity using computational and cognitive approaches
- AAAIP (One More Pictures Srl) On the Edge of Al Filmmaking
- 10.45 11.15 Coffee Break (Aula Tibetti + Aula Celio)

11.15 – 12.00

- <u>WP4</u> How do doctors perceive and use AI systems in their daily practice?
- **MidLLMan** (University of Torino) MidLLMan: Supporting researchers in analyzing qualitative data through generative AI

12.00 - 12.45

- <u>WP6</u> Continual Learning and Fine-Tuned LLMs: Advancing AI Adaptation for Personalized Education
- **MATH4AI** (University of Ferrara) Key Contributions of the Advanced MATHematical methods for Artificial Intelligence

12.45 – 13.00 Closing Remarks







