# HUMAN-CENTERED A.I. FOR PATIENT-CENTERED HEALTHCARE AND RESEARCH

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**EPFL**

**MAY 29, 2023 – 15.30/18.30**

**AULA DI MICROBIOLOGIA – VIA A. GABELLI, 63 - PADOVA**



WORKSHOP FOR PHD STUDENTS AND RESEARCHERS

*Organised by the research group «Moral Philosophy and Bioethics» within the project «Shaping a World-class University»*

Over the last few years, the use of artificial intelligence (AI) in various fields of human activities has become ubiquitous. The same is true for the field of biomedicine, where the application of AI is becoming increasingly relevant, from the research activities on laboratory bench up to the clinical practice at the bedside.

While the benefits seem extraordinary, there is a growing awareness that **the introduction of AI in biomedicine requires the discussion of novel ethical issues** (e.g., transparency and accountability of AI algorithms, privacy and data security, non-discrimination, respect of fundamental rights, informed consent).

This workshop aims at introducing to the ethical issues posed by AI in biomedicine, at discussing the ethical safeguards to be granted in various scenarios (from basic research to healthcare practice where AI is a key component) and at offering recommendations regarding how to design ethically-sound research projects using AI.

**The workshop is designed for PhD students and for researchers in general**. It will be very interactive, allowing ample time for analyzing various scenarios and for discussing questions and doubts raised by the participants, with the help of prof. Marcello Ienca, a leading expert on these issues in Europe.