

## **Session Program**

**20-22 Nov 2023**

# **From Physics to Medicine: XAI workshop** ***AI Application in Physics and Medicine***

Università degli studi di Milano Bicocca

## Tuesday 21 November

14:30

### AI Application in Physics and Medicine

**Session** | **Location:** U6-02 | **Conveners:** Mariagrazia Monteleone, Emanuele Moscato

14:30–15:00 **Deep Learning and XAI in medical imaging**

**Speaker**

Francesca Lizzi

15:00–15:30 **AI-based compensation of motion deterioration effects in MR imaging**

**Speaker**

Marco Riboldi

15:30–16:00

**Validation of a deep learning approach for abdominal synthetic CT generation using computational phantoms**

**Speaker**

Francesca Camagni

16:00–16:30 **Coffee break**

16:30–17:00 **Monotone models and their usage (LHCb example)**

**Speaker**

J Michael Williams

17:00–17:30 **Uncertainty aware ML models**

**Speaker**

Dr Gaia Grosso

20:00