

Session Program

20-22 Nov 2023

From Physics to Medicine: XAI workshop

Introduction and keynotes

Università degli studi di Milano Bicocca

Monday 20 November

14:30

Introduction and keynotes

Session | **Location:** U6-02 | **Conveners:** Francesca Camagni, Emanuele Moscato

14:30–14:40 **Welcome to the workshop**

Speakers

Prof. Chiara Paganelli, Pietro Govoni, Simone Gennai

14:40–15:10 **Example of Adaptation domain in High Energy Physics**

Speaker

Benedetta Camaiani

15:10–15:40

Current trends in AI : what's the next big thing we should looking for?

Speaker

Prof. Paolo Napoletano

15:40–16:00 **Coffee break**

16:00–16:30 **The MUCCA project**

Speaker

Cecilia Voena

16:30–17:00

AI in radiation Oncology: from development to clinical implementation

Speaker

Stine Korreman

17:00–17:30

A novel explainable approach in radiomics pipeline for local recurrence prediction of lung cancer: a feasibility study exploiting high energy physics potential to evaluate the model

Speaker

Mariagrazia Monteleone

18:00