

# 5th ICFA Beam Dynamics Mini-Workshop on Machine Learning for Particle Accelerators



**Tuesday 8 April 2025 - Friday 11 April 2025**

**CERN**

## **Scientific Programme**

**Surrogate Modelling and Digital Twins**

**Optimisation and Control**

**MLOps, Infrastructure and Scalability**

**Anomaly Detection and Diagnostics**

**LLMs and AI Assistants**

**Keynotes, tutorials and lectures**