

# **IN2P3/IRFU Machine Learning workshop 2024**

**mercredi 20 novembre 2024 - vendredi 22 novembre 2024**

**IPHC, Strasbourg**

## **Programme Scientifique**

**Object detection and reconstruction**

**Analysis : event classification, statistical analysis and inference, anomaly detection**

**Simulations and surrogate models : replacing an existing complex physical model**

**Fast ML : DAQ/Trigger/Real Time Analysis**

**Infrastructure : hardware and software for Machine Learning**

**Accelerator control**

**Large / multi-modal languages for physics**

**Theory and phenomenology**

**Training, courses, tutorials, open datasets and challenges**

**Other**