

Programme des sessions

26-28 nov. 2025



CAEN. STRATEGY FOR ACCELERATING RESEARCH



NUCLÉAIRE
& PARTICULES

IN2P3/IRFU Machine Learning workshop 2025

Generative and Probabilistic Models

LPC Caen and GANIL, G. Ittis (LPC) and Seminar room maison d'hôtes (GANIL)
6, Bd Marechal Juin 14050 Caen

ven. 28 novembre

09:20

Generative and Probabilistic Models**Session** | **Site:** LPC Caen, G. Iltis, 6 Bd Maréchal Juin, 14000 Caen | **Responsable de session:** Sylvain Caillou

09:20 – 09:40

Probabilistic Inference of Galaxy Properties from Multi-Modal Latent Space Representations**Orateur**

Kirill Grishin

09:40 – 10:00

Shower shapes correction via normalising flows**Orateur**

Katerina Kazakova

10:00 – 10:20

Dual-Decoder Convolutional Autoencoder for Unsupervised Anomaly Detection and Denoising in BPM Data**Orateur**

Charles Ndegwa

10:20 – 10:40

Interdisciplinary Digital Twin Engine InterTwin for calorimeter simulation**Orateur**

Vera MAIBORODA

10:40 – 11:00

Hybrid Autoencoder-Isolation Forest Approach for Time Series Anomaly Detection in C70XP Cyclotron Operation Data at ARRONAX**Orateur**

Fatima Basbous

11:00