

Session Program

Mar 26 - 27, 2024

2024 CERN openlab Technical Workshop

AI applications and HPC Convergence

CERN, 81/R-003C - Science Gateway Auditorium C

Tue, March 26

3:30 PM

AI applications and HPC Convergence

Session | **Location:** CERN, 81/R-003C - Science Gateway Auditorium C

3:30 - 3:45 PM **Overview of AI activities at CERN**

Speaker

Lorenzo Moneta

3:45 - 4:00 PM **AI in low-latency environments**

Speaker

Thomas Owen James

4:00 - 4:15 PM **Ensemble GAN for Simulation**

Speaker

Kristina Jaruskova

4:15 - 4:30 PM **Generalization and self-supervision for physics simulation**

Speaker

Renato Da Costa Cardoso

4:30 - 4:45 PM

Distributed Training and HPO at Centre of Excellence on AI and Simulation-Based Engineering at Exascale (CoE RAISE)

Speaker

Eric Wulff

4:45 - 5:00 PM **interTwin - an Interdisciplinary Digital Twin Engine for Science**

Speakers

Matteo Bunino, Alexander Zoechbauer, Kalliopi Tsolaki

5:00 - 5:15 PM **LHC Digital Twin**

Speaker

Jurgen De Jonghe

5:15 - 5:30 PM **Data Analytics for Industrial Control Systems**

Speaker

Abhit Patil

5:30 PM