Pregramme des sessions

23–27 nov. 2026



AI for Meta Science

AI for large instrument control

Institut Pascal
Rue André Rivière 91400 Orsay

mer. 25 novembre

14:00

AI for large instrument control: .

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay | **Responsable de session:** Pietro Vischia

14:00 – 14:45

From AI-Enhanced Control to Autonomous Scientific Facilities for Particle Accelerators

Orateur
Verena Kain

14:45 – 15:30

Advancing adaptive optics control systems for next-generation giant telescopes

Orateur
Damien Gratadour

15:30 – 15:35 **Group picture in the hall**

15:35 – 16:00 **Coffee break**

16:00 – 16:15

Improving Sky Coverage Using Neural Networks: Deep Learning-Based Denoising of Images from the Pyramidal Wavefront Sensor for Adaptive Optics

Orateur
Jordan Raffard

16:15 – 17:00

How do we know a learned controller works? - Machine learning aided feedback control and finite state machine at the Virgo gravitational-wave detector

Orateur
Mateusz Bawaj

17:10