

Programme des sessions

20-22 avr. 2026



The banner features a white box with the IRN Terascale logo on the left, a dark blue box with the dates and location, and a photograph of the IJCLab building on the right. The text 'IRN Terascale @ IJCLab Orsay' is overlaid on the top right of the banner.

IRN Terascale

20-22 avril 2026
Auditorium P. Lehmann
Building 200

IJCLab
Irène Joliot-Curie
Laboratoire de Physique
des 2 Infinis

CNRS NUCLEAIRE
& PARTICULES

université
PARIS-SACLAY
Université
Paris Cité

IRN Terascale @ IJCLab Orsay

IRN Terascale @ IJCLab Orsay

Beyond the Standard Model

IJCLab, Auditorium Pierre Lehmann
Building 200, IJCLab

lun. 20 avril

14:20

Beyond the Standard Model

Session | Site: IJCLab, Auditorium Pierre Lehmann, Building 200, IJCLab

14:20 - 14:40 **Challenging Majorana Neutrino Effects in $B \rightarrow K(*)\nu\nu$ and $K \rightarrow \pi\nu\nu$ Decays**

Orateur
Claire Chevallier

14:40 - 15:00

Reinterpretation of searches for supersymmetry in models with variable R-parity-violating coupling strength using the full ATLAS Run 2 Dataset

Orateur
Lorenzo Felgioni

15:00 - 15:20 **Prospects of Heavy Neutral Leptons via ALP portal at future LHC**

Orateur
Ana Martín-Galán

15:20 - 15:40 **What is the 650 GeV resonance made of ?**

Orateur
Francois Richard

15:45

16:15

Beyond the Standard Model

Session | Site: IJCLab, Auditorium Pierre Lehmann, Building 200, IJCLab

16:15 - 16:35 **Observable gravitational waves from TeV-scale horizontal SU(2) phase transitions**

Orateur
Anna CHRYSOSTOMOU

16:35 - 16:55 **Anomalies, Radiative Hierarchies and Dark Matter in Secluded U (1) Extensions**

Orateur
Arno Goudeau

16:55 - 17:15 **Phenomenology of colour sextet baryons in composite Higgs models**

Orateur
Rosy Caliri

17:15 - 17:35 **Signatures of a Standard Model duality**

Orateur
Dr Giacomo Cacciapaglia

17:35