

Session Program

19–21 mai 2025



IRN Terascale @ IPHC Strasbourg

Beyond the Standard Model

IPHC, Amphi Grünewald
Institut Pluridisciplinaire Hubert Curien 23 rue du Loess 67200 Strasbourg

mar. 20 mai

09:30

Beyond the Standard Model

Session | Site: IPHC, Amphi Grünewald, Institut Pluridisciplinaire Hubert Curien 23 rue du Loess 67200 Strasbourg

09:30 – 10:00 **Electroweak-inos constraints in the pMSSM with SModelS****Orateur**

Leo Constantin

10:00 – 10:30 **Probing a class of scotogenic models via Z- and Higgs boson decays****Orateur**

Adrian Darricau

10:30

11:00

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11:00 – 11:30

New bound on the vectorial axion-down-strange coupling from $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ data**Orateur**

Axel Iohner

11:30 – 12:00 **Probing the general axion-nucleon interaction in water Cherenkov experiments****Orateur**

Mael Cavan

12:00 – 12:30 **Search for emerging jets in ATLAS****Orateur**

Thomas Wojtkowski

12:30