

Programme des sessions

30 novembre 2025 à 6 décembre 2025



Journées de Rencontre Jeunes Chercheur·se·s 2025

Instrumentation

jeu. 4 décembre

15:10

Instrumentation

Session | Responsable de session: Christina AGAPOPOULOU

15:10 – 15:40 Session overview

Orateur

Christina AGAPOPOULOU

15:40 – 16:05 The ATLAS High Granularity Timing Detector at the High-Luminosity LHC

Orateur

Abdelhamid Haddad

16:05

16:35

Instrumentation

Session | Responsable de session: Christina AGAPOPOULOU

16:35 – 17:00

Impact of extreme ultraviolet radiation on the scintillation of pure and xenon-doped liquid argon

Orateur

Evangelia Nikoloudaki

17:00 – 17:25

Development of innovative electronics for a radiometer aimed at axion dark matter searches

Orateur

Morane Gautier

17:25 – 17:50

Étude de l'impact de la précision temporelle du prototype T-SDHCAL dans la reconstruction des jets.

Orateur

William VAGINAY

17:50 – 18:15 3γ Imaging with ^{44}Sc : PMT Calibration and Data Processing in Xemis 2

Orateur

Yohann RAMSI

18:15

ven. 5 décembre

10:45

Instrumentation

Session | Responsable de session: Christina AGAPOPOULOU

10:45 – 11:10 **Detector Developments For Radiation Physics Applications at GIP ARRONAX.****Orateur**

Mlle Rania Jbara

11:10 – 11:35**Study and realization of a High Granularity Timing Detector (HGTD) for the ATLAS detector at the High Luminosity phase of the LHC.****Orateur**

Chloé PENELAUD

11:35 – 12:00 **Adaptative readout for CMOS trackers at LHCb****Orateur**

Mostafa Cherif

12:00 – 12:25**Preliminary measurement of the germanium ionisation yield and first studies of the new silicon crystal detectors of the Ricochet experiment****Orateur**

Tatiana LE BELLEC

12:30

13:55

Instrumentation

Session | Responsable de session: Christina AGAPOPOULOU

13:55 – 14:20 **Non-degenerate low-loss recycling cavities for the gravitational waves detector Virgo****Orateur**

Ward AMAR

14:20 – 14:45 **ATLAS HGTD ALTIROC****Orateur**

Salah El Dine HAMMOUD

14:45 – 15:10**Optimization of embedded neural networks for the energy reconstruction of the liquid argon calorimeter cells of ATLAS****Orateur**

Raphael BERTRAND

15:10