

Programme des sessions

30 novembre 2025 à 6 décembre 2025



Journées de Rencontre Jeunes Chercheur·se·s 2025

Standard Model

lun. 1 décembre

09:00

Standard Model

Session | Responsable de session: Giulia DI GREGORIO

09:00 – 09:30 Session Overview**Orateur**

Giulia DI GREGORIO

09:30 – 09:55 Electron Trigger Performance and Efficiency Measurements in ATLAS Run 3**Orateur**

Timoty Duong

09:55 – 10:20**Neural Simulation Based Inference for Constraining Higgs self-coupling with HH->bbyy at ATLAS experiment****Orateurs**

David Rousseau, Louis Fayard, Zirui Liu

10:20

10:50

Standard Model

Session | Responsable de session: Giulia DI GREGORIO

10:50 – 11:15 Jet Classification with Particle Transformers: A Multiclass Learning Approach**Orateur**

Andrés Duque

11:15 – 11:40**Identification of highly Lorentz-boosted Higgs bosons decaying to $\tau\tau$ jets in the ATLAS experiment****Orateur**

Inès Combes

11:40 – 12:05**Developments in b-tagging for the ATLAS upgrade and their impact on di-Higgs sensitivity****Orateur**

Léonardo SPLENDORI

12:05 – 12:30**Non-resonant Higgs boson pair production search and photon shower shapes correction via normalizing flows****Orateur**

Katerina Kazakova

12:30

13:55

Standard Model

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13:55 – 14:20 Semi-Leptonic Vector Boson Scattering in the ATLAS detector**Orateur**

Olivier SALIN

14:20 – 14:45

Multivariate analysis of the EW gauge bosons' polarisation at the LHC with the ATLAS experiment

Orateur

Mathis Dubau

14:45 – 15:10

Measurement of the electroweak diboson production in the $W^\pm Z$ channel, with the ATLAS detector at LHC

Orateur

Panagiotis Ziakas

15:10 – 15:35

Measurement of the tau polarization and the electroweak mixing angle in Z boson decays to tau leptons

Orateur

Cyril Eschenlauer

15:35