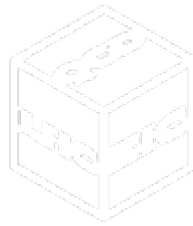


Session Program

9-15 Nov 2025



Advances in QCD at the LHC and the EIC

Student flash talks

CBPF, Rio de Janeiro
Rua Dr. Xavier Sigaud 150, Urca, Rio de Janeiro

Wednesday 12 November

15:30

Student flash talks

Session | **Location:** CBPF, Rio de Janeiro, Rua Dr. Xavier Sigaud 150, Urca, Rio de Janeiro

15:30–15:36

Effects of the magnetic field on the production of pseudoscalar mesons in ultra-peripheral heavy-ion collisions

Speaker

Celsina Azevedo

15:36–15:42

Associated production of $\Psi(2S)$ and Φ in diffractive proton-proton collisions at the LHCb experiment

Speaker

Mr Jeferson Dos Santos Oliveira

15:42–15:48

Charge Asymmetry in Three-Body $B \pm$ Decays with LHCb Run 3 Data

Speaker

Jorge Julio Barreiros Venuto De Siqueira

15:48–15:54

Signal Classification in Rare $B^0 \rightarrow K^{*0}(892)\mu^+\mu^-$ Decays Using Machine Learning Technique

Speaker

Mr Thiago De Andrade Rangel Monteiro

15:54–16:00

Photoproduction of a Y-shaped Proton

Speaker

Brunno Mota

16:00–16:06

Fractal Rectification of Yang-Mills Theory

Speaker

Mr Jhon Mario Cordoba Pareja

16:06–16:12

Projections for CEP of W pairs in the HL-LHC with the PPS2 detector of the CMS experiment

Speaker

Omar Silveira

16:12–16:18

Characterization and Simulation of Hybrid UFSD/LGAD Sensors for high-precision timing measurements with the Precision Proton Spectrometer in the CMS Experiment

Speaker

Mrs Valeria Vale

16:18–16:24

Hunting for axion-like particles with top quarks at the high-energy frontier

16:25

Speaker
Marcio De Sousa Mateus Junior