Session Program

Dec 7 – 10, 2026

15th LASNPA - Latin American Symposium on Nuclear Physics and Applications

Oral APP

IPEN
Cidade Universitária - Bairro Butantã CEP: 05508-000 - São Paulo - SP

Wed, December 9

2:00 PM

Oral APP: Wednesday Afternoon 1

Session

2:00 – 2:15 PM

Matrix Effects on Energy Dispersive X-Ray Fluorescence Analysis of Amazonian Native Wood: Implications for Species and Provenance Discrimination

Speaker
Thales Zanin dos Santos de Oliveira

2:15 – 2:30 PM

Machine Learning for Disentangling Bias and Geometry Effects in Irradiated Power MOSFETs

Speaker
Paulo Roberto Garcia Junior

2:30 – 2:45 PM

Terrestrial cosmic-ray energy deposition in superconducting qubits and its impact on quantum computing

Speaker
Saulo Gabriel Alberton

2:45 – 3:00 PM

Imaging detection of neutrons with enhanced discrimination in wide energy range with semiconductor pixel detectors Timepix

Speaker
Dr Carlos Granja

3:00 – 3:15 PM

Development of spin-polarized radioactive ion beams at RIBRAS

Speaker
Bruno Penteado Monteiro

3:15 – 3:30 PM

Multimodality Scanner for Advanced Radioactive Waste Characterization

Speaker
Rafael Escudeiro

3:30 – 3:45 PM

Comparative Analysis of Radiation-Induced Effects on a Commercial AlGaN/GaN HEMT

Speaker
A. C. Vilas-Bôas

3:45 – 4:00 PM

Crystallochemical Characterization and Thermoluminescent Response of Amazonite ($KAlSi_3O_8$) for Dosimetric Application

Speaker
Mr Elton Costa Souza

4:00 PM