Session Program

Dec 7 – 10, 2026

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

Oral NSR

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

Wed, December 9

2:00 PM

Oral NSR: Wednesday Afternoon 1

Session | **Location:** IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

2:00 – 2:15 PM

Probing The Structure Of The Two-Proton Borromean Nucleus 17Ne Through Inclusive Breakup Data

Speaker
B. Pinheiro

Location
IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

2:15 – 2:30 PM

Algebraic solution of Nilsson oscillator cranking model equations for 20Ne

Speaker
Dr Parviz Gulshani

Location
IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

2:30 – 2:45 PM

Ab initio optical potentials for magnesium isotopes: from stability to the island of inversion

Speaker
Jose Ignacio Fuentealba Bustamante

Location
IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

2:45 – 3:00 PM **TBA**

Speaker
Andrey Bezbakh

3:00 – 3:15 PM

Investigation of reaction channels for ^{6}Li + ^{196}Pt at energies near the Coulomb barrier

Speaker
Mrs Jessica Chaves

Location
IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

3:15 – 3:30 PM

One- and Two-Neutron Stripping Reactions in the 18O + 197Au System Near the Coulomb Barrier

Speaker
Sunil Dutt

Location
IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

3:45 – 4:00 PM

Elastic Scattering and Transfer Reactions in the ^{10}B+^{12}C and ^{10}B+^{16}O Systems

Speaker
marlete assunção

Location
IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

4:00 PM

4:30 PM

Oral NSR: Wednesday Afternoon 2

Session | **Location:** IPEN, 143 - Auditorium Prof. Dr. Ribeiro Franco

4:30 – 4:45 PM

Decay properties of rare isotopes for nuclear structure and applications

Speaker
Yulia Coelho

4:45 – 5:00 PM **Spectroscopic study of 12C via the 9Be(6Li,t)12C transfer reaction**

Speaker
Andres Felipe Guerrero Parra

5:00 – 5:15 PM

Coulomb-free light nuclei studied with cluster EFT insipired potentials

Speaker
Carolina Pinilla

5:15 – 5:30 PM

Tracing isospin symmetry and configuration mixing towards the fpg shell

Speaker
Pablo Antonio Aguilera Jorquera

5:30 – 5:45 PM

Investigation of deformation effects in nuclear reactions with strongly and weakly bound projectiles using gamma-particle coincidences

Speaker
Gabriel Bonavigo

5:45 – 6:00 PM

Nonlocality and deformation in alpha and cluster decay of superheavy nuclei

Speaker
Mr Anthoni Ipial Molina

6:00 PM