Session Program

Dec 7 – 10, 2026

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

Parallel-2

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

Mon, December 7

2:30 PM

Parallel-2: Monday Afternoon 1

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

2:30 – 2:55 PM **Generation of angular momentum of fission fragments**

Speaker
Nikolai Antonenko

2:55 – 3:20 PM **Microscopic Study of Nuclear Excitation and Fission**

Speaker
Zhipan Li

3:20 – 3:45 PM **Clusterization in binary fission**

Speaker
Gurgen Adamian

3:45 – 4:10 PM

The 134Te Fragment as the Minimum-Excitation Configuration in the Fission of 233U, 235U, and 239Pu

Speaker
Prof. MODESTO MONTOYA

4:10 PM

4:30 PM

Parallel-2: Monday Afternoon 2

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

4:30 – 4:55 PM

Spectroscopy of ^{82}Nb from multinucleon knockout reactions using GRETINA and the S800 spectrometer

Speaker
Pablo Antonio Aguilera Jorquera

4:55 – 5:20 PM

Nucleon and cluster transfer in reactions with light nuclei: Signatures of nucleon and cluster correlations

Speaker
Aidos Azhibekov

5:20 – 5:45 PM **Elastic Scattering and ^{6}He-Induced Reactions**

Speaker
Kelly Cristina Cezaretto Pires

5:45 – 6:10 PM

The Radioactive Ion Beam Facility EXOTIC coupled to the Gamma-Ray Tracking Spectrometer AGATA

Speaker
Marco Mazzocco

6:10 PM

Tue, December 8

4:30 PM

Parallel-2: Tuesday Afternoon

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

4:30 – 4:55 PM

Mirror energy differences in ^{55}Cu–^{55}Fe, beyond the proton drip line

Speaker
Francesco Recchia

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

4:55 – 5:20 PM

Huge mirror energy differences as a signature cross-shell excitations in T=3/2 mirror nuclei

Speaker
Dr Kseniia Rezynkina

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

5:20 – 5:45 PM

Dynamical and static aspects in the fusion process of weakly bound nuclei

Speaker
Prof. Vinicius Zagatto

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

5:45 – 6:10 PM

Recent studies for the dynamics of halo nuclei

Speaker
Luis Armando Acosta Sánchez

6:10 – 6:30 PM

Approach toward solution to the uncertainty problem of the nuclear matrix element for neutrinoless double-β decay.

Speaker
osvaldo civitarese

6:30 PM

Thu, December 10

2:30 PM

Parallel-2: Thusday Afternoon

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

2:30 – 2:55 PM

Breakup effects on fusion. Reduction methods and quantum-mechanical methods for the CF and ICF calculation

Speaker
J. Lubián

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

2:55 – 3:20 PM

Nucleus-nucleus potentials in the scattering of tightly and weakly bound systems

Speaker
jeannie rangel

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

3:20 – 3:45 PM

From Three-Body Structure to Four-Body Reactions: The Role of the Continuum

Speaker
Dr Manuela Rodríguez-Gallardo

3:45 – 4:10 PM

Inclusive breakup measurements of the 7Li+119Sn reaction around the Coulomb barrier

Speaker
Juan Pablo Fernandez Garcia

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

4:30 PM