Session Program

Dec 7 – 10, 2026

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

Parallel-1

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

Mon, December 7

2:30 PM

Parallel-1: Monday Afternoon 1

Session | **Location:** IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

2:30 – 2:55 PM

Heavy-Flavour and Quarkonium as Probes of the Quark-Gluon Plasma

Speaker
Cristiane Jahnke

2:55 – 3:20 PM

Magnetic field effects during pre-equilibrium in heavy-ion collisions

Speaker
Ana Mizher

3:20 – 3:45 PM

A Stochastic Transport Approach to Heavy-Ion Collisions and Beyond

Speaker
Prof. Tiago Jose Nunes da Silva

3:45 – 4:10 PM

Unlocking "imprints" of conserved charges in the initial state of heavy-ion collisions

Speaker
Dr Fernando Gardim

4:10 PM

4:30 PM

Parallel-1: Monday Afternoon 2

Session | **Location:** IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

4:30 – 4:55 PM

Nuclear structure from ultrarelativistic collisions

Speaker
Prof. Matthew William Luzum

4:55 – 5:20 PM

Cooling of quark stars from perturbative QCD

Speaker
Eduardo Souza Fraga

5:20 – 5:45 PM

Charged-particle multiplicity distribution in high-energy >> p-O collisions

Speaker
Mr Yuri N. Lima

5:45 – 6:10 PM

Modelling the finite-density QCD equation of state

Speaker
Mauricio Hippert

6:10 PM

Tue, December 8

4:30 PM

Parallel-1: Tuesday Afternoon

Session | **Location:** IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

4:30 – 4:55 PM

From Heavy-Ion Collisions to Neutron Stars: Testing the Limits of Relativistic Hydrodynamics

Speaker
Gabriel Denicol

Location
IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

4:55 – 5:20 PM

Recent results on light-ion collisions from the CMS experiment at the LHC

Speaker
Cesar Bernardes

Location
IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

5:20 – 5:45 PM

TBA

Speaker
Prof. Leticia Palhares

5:45 – 6:10 PM

Exploring $\mathrm{^{3}_{\Lambda}H}$ production and properties with ALICE Run 3

Speaker
Maria Paula Martins Palhares

Location
IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

6:10 – 6:30 PM

Charged-particle production in pO collisions over central pseudorapidity

Speaker
Lucas Jose Franco da Silva

Location
IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

6:30 PM

Thu, December 10

2:30 PM

Parallel-1: Thursday Afternoon

Session | **Location:** IPEN, 152 - Auditorium Prof. Dr. Afonso Rodrigues de Aquino

2:30 – 2:55 PM

Physics Capabilities and Staturs of the Multi-Purpose Detector at NICA

Speaker
Prof. Alejandro Ayala

2:55 – 3:20 PM

Vud from Electron Capture

Speaker
Prof. Oscar Naviliat-Cuncic

3:20 – 3:45 PM

Heavy Tetraquark Spectroscopy via Chiral Two-Pion Exchange Potentials

Speaker
Prof. Carlos Antonio da Rocha

3:45 – 4:10 PM

Measurement of the J/ψ Fragmentation Function in pp Collisions at $\sqrt{s} = 13.6$ TeV with ALICE

Speaker
Lucas Ferrandi

4:30 PM