Session Program

Dec 7 – 10, 2026

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

Oral AST

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

Wed, December 9

2:00 PM

Oral AST: Wednesday Afternoon 2

Session | **Location:** IPEN, 155 - Auditorium Prof. Dr. Alcídio Abrão

2:00 – 2:15 PM

Quasinormal modes of regular black holes and neutron stars: WKB and pseudospectral approaches

Speaker
Fabricio Zevallos Rodriguez

2:15 – 2:30 PM

Sensitivity of Kilonova Light Curves to Fission Barrier Heights and Fission Channels

Speaker
Alejandro Guerrero Pantoja

2:30 – 2:45 PM

Hybrid stars with the Nambu--Jona-Lasinio model using a density-dependent vector coupling

Speaker
Rafael Cardoso

2:45 – 3:00 PM

A STUDY OF QUARK STARS ADMIXED WITH DARK MATTER

Speaker
Gustavo Schwantz

3:00 – 3:15 PM

End-to-end modeling of kilonova signals from binary neutron star mergers

Speaker
Diego Hernandez

3:15 – 3:30 PM

Examining the influence of anisotropy on the fundamental mode of nonradial oscillation in neutron stars on a complete general relativistic scheme

Speaker
Gabriel de Oliveira Cavalheiro

3:30 – 3:45 PM

PROBING THE IONIZED MEDIUM OF A MASSIVE STAR-FORMING REGION THROUGH PLASMA SCATTERING VARIABILITY IN NGC 6334B

Speakers
Ms Mavy Sofia Muñoz Varon, Ms Nathalia Ceballos Vega

4:00 PM