Session Program

Oct 24 – 27, 2023

GraSP23 || GravityShapePisa 2023

Poster Session

Università di Pisa - Dipartimento di Fisica, Aula Magna - Dipartimento di Fisica
Largo Bruno Pontecorvo 3, I-56127, Pisa, Italy

Tue, October 24

4:15 PM

Poster Session

Session |
Location: Università di Pisa - Dipartimento di Fisica, INFN Hall, Floor -1, Largo Bruno Pontecorvo 3, I-56127, Pisa, Italy

4:15 – 6:15 PM **Gravity and the Superposition Quantum Principle**

Speaker
Hristu Culetu

4:15 – 6:15 PM

Non-Gaussianity from the Cross-correlation of the Astrophysical Gravitational Wave Background and the Cosmic Microwave Background

Speaker
Gabriele Perna

4:15 – 6:15 PM

Neutrons in the Low-Curvature Limit: post-Newtonian effects and more

Speaker
Alessandro Santoni

4:15 – 6:15 PM **Bounds on Ultralight Dark Matter from NANOGrav**

Speaker
Mohammad Aghaie Moghadam Ozbak

4:15 – 6:15 PM **Fermion soliton stars**

Speaker
Loris Del Grosso

6:15 PM

Thu, October 26

5:00 PM

Poster Session

Session |
Location: Università di Pisa - Dipartimento di Fisica, Aula Magna - Dipartimento di Fisica, Largo Bruno Pontecorvo 3, I-56127, Pisa, Italy

5:00 – 7:00 PM

Diagrammatic Effective Field Theory approach to coalescing binary systems in General Relativity and gravitational waves phenomenology

Speaker
Dr Matteo Pegorin

5:00 – 7:00 PM

Targeted search for continuous gravitational waves from pulsars in binary systems in O3: a semi-coherent approach

Speaker
Lorenzo Mirasola

5:00 – 7:00 PM

Binary neutron star mergers in massive scalar-tensor theory: an adiabatic look

Speaker
Hao-Jui Kuan

5:00 – 7:00 PM

Characterization of accretion discs from binary neutron star mergers

Speaker
Alessandro Camilletti

5:00 – 7:00 PM

Gravitational Wave Signals from Binary-Single Black Hole Encounters in Star Clusters

Speaker
Ms Elena Codazzo

5:00 – 7:00 PM

A resampling search method for sub-solar mass binary inspirals

Speaker
Neil Lu

5:00 – 7:00 PM

Measuring eccentricity in binary black hole mergers

Speaker
Alice Bonino

5:00 – 7:00 PM

Tidal disruption of self-interacting axion clouds around black holes in binary systems

Speaker
Takuya Takahashi

5:00 – 7:00 PM

On the Testability of the Quark-Hadron Transition Using Gravitational Waves From Merging Binary Neutron Stars

Speaker
Reiko Harada

5:00 – 7:00 PM **Binary black hole mergers from Population III stars**

Speaker
Filippo Santoliquido

5:00 – 7:00 PM

Impact of dark matter spikes on the merger rates of Primordial Black Holes

Speaker
Dr Pratibha Janga

7:00 PM