Session Program

Oct 24 – 27, 2023

GraSP23 || GravityShapePisa 2023

Neutron Stars: Matter at the Extremes

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

Thu, October 26

2:30 PM

Neutron Stars: Matter at the Extremes

Session |
Location: Università di Pisa - Dipartimento di Fisica, Aula Magna - Dipartimento di Fisica, Largo Bruno Pontecorvo 3, I-56127, Pisa, Italy |
Conveners: Gregorio Paci, Matteo Della Rocca

2:30 – 3:00 PM

The neutron star matter Equation of State: a challenge for nuclear physics theory

Speaker
Dr Fiorella Burgio

3:00 – 3:30 PM

Pions, hyperons and quark matter in neutron star mergers

Speaker
Dr Andreas Bauswein

3:30 PM

Fri, October 27

12:30 PM

1:00 PM

Neutron Stars: Matter at the Extremes

Session | **Location:** EGO Virgo, Auditorium room | **Conveners:** Giuseppe Di Somma, Lucia Papalini

12:30 – 1:00 PM **Modeling the strong-field dynamics of binary neutron star merger**

Speaker

Prof. Sebastiano Bernuzzi