

Dear all,

it is a pleasure to announce the PUMA22 conference "Probing the Universe with Multi-messenger Astrophysics".

It will take place in Sestri Levante (GE), Italy, from September 26th to September 30th, 2022. So far, we plan it as a fully in-person event.

The conference is jointly organised by INFN-Sezione di Genova and the Department of Physics of the University of Genova.

Please see the webpage:

<https://agenda.infn.it/event/18651/>

The conference aims at gathering an overview of the status and future prospects of astrophysics and cosmology with a multi-messenger approach. The sessions will deal with astrophysics with electromagnetic waves, astrophysics with gravitational waves, astroparticle physics and neutrino astrophysics, nuclear astrophysics, cosmology. The sessions and the talks will be organised according to astrophysical sources and phenomena: compact objects, neutron star mergers, supernovae, active galactic nuclei, CMB, highlighting the current status of the knowledge and the benefit of a multi-messenger approach.

The conference will have only plenary sessions, with both invited and contributed talks. A poster session will also take place. The call for abstracts for contributed talks and posters is open. Registration will open by the end of March.

The scientific organising committee is composed by

- Marialuisa Aliotta, Edinburgh University (UK)
- Laura Cadonati, Georgia Institute of Technology (USA)
- Paschal Coyle, CPPM Marseille (France)
- Luigi Guzzo, University of Milan (Italy)
- Giovanni Losurdo, INFN-Pisa (Italy)
- Maria Lugaro, Konkoly Observatory, Budapest (Hungary)
- Aldo Serenelli, Institute of Space Sciences, Barcelona (Spain)
 - Silvano Tosi, University of Genova and INFN-Genova (Italy)
- Filippo Maria Zerbi, INAF-Osservatorio di Brera (Italy)

Looking forward to meeting you in Sestri Levante!

Best regards,

Silvano Tosi, for the scientific and local organising committees