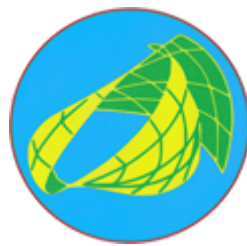


Session Program

Jul 7 - 12, 2024



Seventeenth Marcel Grossmann Meeting

Galactic and extragalactic magnetars: recent observations and theoretical progress

Aurum, the 'Gabriele d'Annunzio' University and ICRANet
Pescara, Italy

Thu, July 11

3:00 PM

Galactic and extragalactic magnetars: recent observations and theoretical progress: Thursday block 1

Session | **Location:** Palazzo Micara of the 'Gabriele d'Annunzio' University, M6, Viale Pindaro, 42, Pescara | **Conveners:** Simone Dall'Osso, Sandro Mereghetti

3:00 - 3:30 PM **Magnetar outbursts and beyond**

Speaker

Alice Borghese

3:30 - 4:00 PM **Protoneutron star dynamos and magnetar formation**

Speaker

Raphaël Raynaud

4:00 - 4:15 PM **Magnetars in the Infrared**

Speaker

Bettina Posselt

4:15 - 4:30 PM **Evolutionary Links Between the Isolated Neutron Star Populations**

Speaker

Ali Arda Gençali

4:30 PM

5:00 PM

Galactic and extragalactic magnetars: recent observations and theoretical progress: Thursday block 2

Session | **Location:** Palazzo Micara of the 'Gabriele d'Annunzio' University, M6, Viale Pindaro, 42, Pescara | **Conveners:** Sandro Mereghetti, Simone Dall'Osso

5:00 - 5:30 PM **Magnetar Giant Flares**

Speaker

Eric Burns

5:30 - 5:45 PM

Evidence for 3XMM J185246.6+003317 as a massive magnetar with a low magnetic field

Speaker

Rafael de Lima

5:45 - 6:00 PM

Estimation of neutron star mass and radius from the high-frequency QPOs in GRB 200415A

Speaker

Hajime Sotani

6:00 - 6:15 PM **Massive, magnetized neutron stars as mass gap objects**

Speaker

Zenia Zuraq

6:15 - 6:30 PM **Discussion**

6:30 PM

Fri, July 12

3:00 PM

Galactic and extragalactic magnetars: recent observations and theoretical progress: Friday block 1

Session | **Location:** Palazzo Micara of the 'Gabriele d'Annunzio' University, M6, Viale Pindaro, 42, Pescara | **Conveners:** Sandro Mereghetti, Simone Dall'Osso

3:00 - 3:30 PM **X-ray polarization from magnetar sources**

Speaker

Roberto Taverna

3:30 - 4:00 PM **Modelling neutron star magnetic fields**

Speaker

Brynmor Haskell

4:00 - 4:15 PM **Luminous, magnetar-powered supernovae**

Speaker

Achille Fiore

4:15 - 4:30 PM **A novel approach to estimate magnetars' age and magnetic fields**

Speaker

Dr Tushar Mondal

4:30 PM

5:00 PM

Galactic and extragalactic magnetars: recent observations and theoretical progress: Friday block 2

Session | **Location:** Palazzo Micara of the 'Gabriele d'Annunzio' University, M6, Viale Pindaro, 42, Pescara | **Conveners:** Simone Dall'Osso, Sandro Mereghetti

5:00 - 5:30 PM **X-ray approach to the magnetar-FRB connections using NICER**

Speaker

Teruaki Enoto

5:30 - 5:45 PM

A neural networks method to search for long transient gravitational waves

Speaker

Francesca Attadio

5:45 - 6:00 PM **The lightest neutron star formed from a binary system**

Speaker

Shurui Zhang

6:00 - 6:20 PM **Nonlinear vacuum electrodynamic lensing on magnetars**

Speaker

Medeu Abishev

6:30 PM