

Lunar Gravitational-wave Antenna workshop



Monday, October 7, 2024 - Friday, October 11, 2024

Centro Internazionale Mariapoli

Scientific Programme

Monday

Meeting of the LGWA steering committee
Hands-on session for early-career scientists

Tuesday - Thursday

Synergies with GW and EM observatories
Multiband and multi-messenger observations
WDs in binaries: GW signals and EM counterparts (TDE, SN Ia)
The geophysical environment on the lunar surface
Lunar internal structure

Friday

Geologic Field Trip: The Colli Albani Volcanic Complex (Lead: Alessandro Frigeri)

We will travel through space and time into the three eruptive phases that formed the natural environment around Castelli Romani, which hosted the 2nd LGWA Workshop in 2024. We will travel by bus and foot in the volcanic area, stopping at strategic points to observe rocks and landscape, revealing the timing and scale of the geological processes that follow each other through geologic time.

Confirmed invited speakers

Rosaria Bonito
Carlo Doglioni
Yuri Evangelista
Michele Maggiore
Luigi Piro
Fulvio Ricci
Raffaella Schneider