



GRAN SASSO

hands-on 2025



■ PhD school on experimental astroparticle physics
September 8th - 18th, 2025

Welcome

P. Agnes, C. Macolino, N. Rossi

Welcome

Third edition of this School (2014, 2023)

47 participants (PhD and Master students)

Italy is the most represented country, but large international presence

What to expect?

*Opportunity to learn from leading experts in the field through a combination of lectures, hands-on activities, and collaborative research projects. They will also have access to **state-of-the-art research facilities and equipment**. Spirit is really to give the chance to **TRY** something (learn strategies, get a feeling of challenges, meet people, new mindset, ideas...)*



Welcome



Thanks to **INFN LNGS**, **GSSI** and **UnivAq** researchers, students and support staff



Thanks to the collaborating institutions



Thanks to the local organizing committee

Paolo Agnes (GSSI)
Tomislav Andric (GSSI and INFN)
Emanuele Angelino (LNGS)
Giovanni Benato (GSSI and INFN)
Valentina Biancacci (GSSI and INFN)
Riccardo Biondi (GSSI and INFN)
Denise Boncioli (UNIVAQ and INFN)
Martina Buontempo (GSSI and INFN)
Nina Burlac (LNGS)
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Natalia Di Marco (GSSI and INFN)
Stefano Di Lorenzo (Max Planck for Physics (MPP))
Alfredo D. Ferella (UnivAQ and INFN)
Federico Ferraro (LNGS)
Davide Fiorina (GSSI and INFN)
Shihong Fu (LNGS)

Paolo Gorla (LNGS)
Malgorzata Haranczyk (Gosia) (LNGS)
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Carla Macolino (L'Aquila University)
Andrea Marasciulli (LNGS)
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Thanks to the lecturers

Pierre-André Amaudruz, TRIUMF (Electronics, DAQ and signal processing techniques)

Tomasz Bulik, NCAC (Gravitational waves)

Marco Cirelli, LPTHE (Dark matter theory)

Glen Cowan, RHUL (Statistics for rare event searches)

Rosanna Depalo, UniMI (Nuclear astrophysics)

Martin Lemoine, APC (Cosmic rays theory)

Kimberly Palladino, Oxford (Dark matter experiment)

Marco Pallavicini, INFN-Ge (Neutrino experiment)

Lorenzo Perrone, INFN-Le (Cosmic rays experiment)

Francesco Vissani, INFN-LNGS (Neutrino theory)

Take the chance to
talk to the lecturers!