

GWADW2026 - Gravitational-Wave Advanced Detector Workshop



Sunday, 17 May 2026 - Saturday, 23 May 2026

Hotel Hermitage, La Biodola, Isola d'Elba

Scientific Programme

The workshop aims at covering work currently being done on GW detectors in view of the next and future observations with current infrastructures, as well as Research and Development for observatories planned for the next decade. Two poster sessions are planned to allow informal discussion.

For contribution submission the following subjects have been identified, matching the sessions in the program.

Optical Design

Conveners

- Maddalena Mantovani
- Paul Fulda

Quantum Noise

Conveners

- Eleonora Capocasa
- Kevin Kuns

Low Frequency Noise

Conveners

- Giovanni Losurdo
- Bram Slagmolen

Thermal noise

Conveners

- Elisabetta Cesarini
- Gabriele Vajente

Cryogenics

Cryogenics for observatories

High Power

Conveners

- Alessio Rocchi
- Benno Wilke

Stray Light

Conveners

- Alena Ananyeva
- Lluisa-Maria Mir

Collaborative design and R&D directions

Observatory infrastructures

Observatories in space

Projects for observatories on the Moon and in space

Exploring new directions

Conveners

- Hartmut Grote
- David Ottaway

Other

Contributions not entering in other tracks.

Introductory Talks