

Session Program

17-23 May 2026



GWADW2026 - Gravitational-Wave Advanced Detector Workshop

High Power

Hotel Hermitage, La Biodola, Isola d'Elba

Tuesday 19 May

16:00

High Power

Session | **Location:** Hotel Hermitage, La Biodola, Isola d'Elba

16:00–16:18

First Demonstration of Optical Feedback Control to Parametric Instability at Advanced LIGO

Speaker

Juntao Pan

16:18–16:36

A high power bench top coupled cavity system to investigate LIGOs thermal state

Speaker

Sophie Muusse

16:36–16:54

Thermal Compensation System tackling Optical Aberrations in Advanced Virgo for O5 and beyond

Speakers

Ilaria Nardecchia, Matteo Lorenzini

16:54–17:12

Static adaptive correction to compensate for non-axisymmetric wavefront distortions in future gravitational wave detectors

Speaker

Luciano Antonio Corubolo

17:12–17:30

ET OPT - Advancing High Power Precision Interferometry

Speaker

Swapnil Dhage

17:30