

GWADW2021 Gravitational Wave Advanced Detector Workshop

giovedì 20 maggio 2021

Poster session 2: Poster session 2 (16:00 - 16:56)

time	[id] title	presenter
16:00	[124] Actuation time optimization in the Advanced Virgo mirror thermo-elastic correction	PORCELLI, Enrico
16:01	[119] Geophysical imaging and characterization to study the implementation of the Einstein Telescope infrastructure	WALDVOGEL, Marius
16:02	[104] Characterization of Sputtered Amorphous GaN Film for High-Reflectivity and Low Loss Coatings	DAO, thu ha
16:03	[100] Squeezing in higher-order Hermite-Gaussian modes	HEINZE, Joscha
16:04	[99] Fabrication considerations of large-scale silicon mirrors for future cryogenic gravitational wave detectors	MURRAY, Peter KINLEY-HANLON, Maya
16:05	[98] Birefringence measurement of a sapphire mirror for KAGRA	ABE, Homare
16:06	[111] Feasibility Study of the Einstein Telescope – Geological Exploration	Sig. ZINSER, Jonathan
16:07	[25] Mitigation of the electrostatic charge on test mass mirrors in gravitational wave detectors	ANGELUCCI, Marco
16:09	[34] 2um laser R&D plans at Cardiff University	KOKEYAMA, Keiko
16:10	[45] Squeezed light at 2128 nm for future gravitational-wave observatories	GURS, Julian
16:11	[73] Beam suspensions for cryogenic mirrors	DESALVO, Riccardo
16:12	[74] Radiative mirror thermal compensation system	DESALVO, Riccardo
16:13	[42] Mechanical parametric feedback-cooling for pendulum-based gravity experiments	HARTWIG, Daniel
16:14	[78] Overview of possible multimaterial designs for improving current coatings	STEINLECHNER, Jessica
16:15	[80] Studies of coating absorption for future detectors	Sig. MCGHEE, Graeme JOHNSTON, Ross
16:16	[83] Investigation and mitigation of anomalous power absorptions in the Advanced Virgo Plus core optics	CIFALDI, Maria
16:17	[85] The A+ Low-Loss Faraday Isolators	Dr. MARTIN, Rodica
16:18	[88] A new experimental set-up for scattering studies of mirror coatings	Prof. KONTOS, Antonios
16:20	[91] Implanted Oxygen Ions in Silicon and the Implication for Future Gravitational Wave Mirrors	KINLEY-HANLON, Maya
16:21	[77] Mechanical loss studies at Maastricht University	SPAGNUOLO, Viola
16:22	[64] Influence of environmental noise on Virgo detector during O3	DI RENZO, Francesco
16:23	[66] Towards low suspension thermal noise of cryogenic torsion pendulums with crystalline fibres	OOI, Ching Pin
16:24	[70] Measurements of multi-material coatings using a cryogenic nodal support	TAIT, Simon
16:25	[97] Measurement of the thermo-optic effect in IBS SiNx coating	BISCHI, Matteo

16:26	[69] Stabilization of a parametric signal-amplification system using a digital signal-processing device	SUZUKI, Kaido
16:27	[21] Sensor Placement Optimization for Broadband Newtonian Noise Cancellation in GW Detectors	Sig.na JOSE, Roselyn
16:28	[172] Molecular Dynamics simulations to study dissipation in amorphous SiNx	PUOSI, Francesco