

GWADW2021 Gravitational Wave Advanced Detector Workshop

Wednesday, 19 May 2021

Poster session 1: Poster session (16:00 - 16:25)

time	[id] title	presenter
16:00	[67] Gas cooling of test masses during observation runs	FRANKE, Alexander
16:01	[95] Low frequency vertical inertial sensor improvements	AMOROSI, Anthony AMEZ-DROZ, Loïc
16:02	[94] Deep Frequency Modulation Readout noise limitations and algorithms	ECKHARDT, Tobias
16:03	[92] Space missions - Developing a LISA optical ground-support equipment testing facility	BECK, Marcel
16:04	[89] Higher-order HG modes for thermal noise reduction	FULDA, Paul
16:05	[47] Worldwide service for parametric transient localization using open GW data for multi-messenger community	BAWAJ, Mateusz
16:06	[43] Development of a nested inverted pendulum for ET	TROZZO, Lucia
16:07	[93] Constraining The Fraction of Compact Dark Matter Using Gravitational Lensing of Gravitational Waves	BASAK, SOUMMYADIP
16:08	[27] Testing athermal glass as laser frequency reference for interferometric sensors	C. S., Shreevathsa
16:09	[32] Poster: Mechanical Design of a HoQI Interferometer for the LIGO Big Beamsplitter Suspension	VAN DONGEN, Jesse
16:10	[36] Compact High Sensitivity Optomechanical Inertial Sensors	NELSON, Andrea
16:11	[39] Design of Coupled Wave Front Sensor for TORSion-Bar Antenna	OSHIMA, Yuka
16:12	[44] Interferometric Suspension and Inertial Sensors	Dr COOPER, Sam
16:13	[53] 6D inertial seismic isolation	PROKHOROV, Leonid
16:14	[57] Demonstration of a dual-pass differential Fabry–Perot interferometer for future interferometric space gravitational wave antennas: DECIGO and B-DECIGO	Dr NAGANO, Koji
16:15	[61] Sensing seismic platform relative motion using Digital Interferometry	CHUA, Sheon Shang Yaw
16:16	[63] Developing and testing compact displacement sensors using Deep-Frequency Modulation Interferometry	GERBERDING, Oliver
16:17	[72] Beam expander telescopes for the Michelson beam splitters in third generation Gravitational Wave Observatories.	DESALVO, Riccardo
16:18	[82] Auxiliary Suspension Modelling for Glasgow Cryogenic Interferometer Facility	GRAHAM, Victoria
16:19	[102] Post-Newtonian properties of an EMRI in non-vacuum region using Logarithmic Potential	GANDEVIKAR, Chinmay
16:20	[3] CSIS: a Cryogenic Superconducting Inertial Sensor	Dr VAN HEIJNINGEN, Joris
16:21	[35] Cosmic Explorer: A Next-Generation Gravitational-Wave Observatory	GRUSON, Alexandra
16:23	[156] Lockloss prediction for diagnostics and early intervention	GURAV, Rutuja