

Poster Session III

Poster #	Abstract	Title	Presenter
B1	2	Substrate transferred aluminum gallium arsenide (AlGaAs) crystalline coatings	Gregory Harry
B2	36	Cool-down studies of the low-frequency interferometer in the Einstein Telescope	Lennard Busch
B3	13	Angular Signal Amplification with a Coupled Cavity for Torsion-Bar Antenna	Yuka Oshima
B4	17	Vibration Analysis of KAGRA Cryostat at Cryogenic Temperature	Rishabh Bajpai
B5	27	Compensating decoherence of squeezed light in cavity-enhanced quantum metrology	Mikhail Korobko
B6	30	Tonga's volcano eruption signals measured by the environmental monitoring systems of KAGRA Observatory	Tatsuki Washimi
B7	31	Measuring thermal noise in gram-scale Si flexures at 123 K	Disha Kapasi
B8	32	Juggled interferometer for gravitational wave detection	Bin Wu
B9	37	Precision limits and a readout algorithm for DFM Interferometry	Tobias Eckhardt
B10	39	SpicyPy: a common python tool for signal processing and control systems	Artem Basalaev
B11	43	Broadband quantum noise reduction for AdV+	Marco Vardaro
B12	44	Estimating the Newtonian noise of groundwater at the KAGRA	Takanori Suzuki
B13	45	Control of Dual-Pass Fabry-Perot Cavity for space gravitational wave antennas : DECIGO and B-DECIGO	Masaya Ono
B14	47	Optical absorption of TiO ₂ doped SiO ₂ as a replacement high index coating material	Simon Tait
B15	48	TiO ₂ :SiO ₂ coating thermal noise and optical studies	Graeme McGhee
B16	63	Vibration analysis of ETpathfinder cryogenic heat-links	Andrei Utina
B17	61	Silicon as a detector suspension material	Graeme Eddolls
B18	71	CO ₂ mode cleaner for Thermal Compensation System of Advanced Virgo+	Priyanka Giri
B19	38	Design and Alignment of Compact Optical Heads for Test Mass Readout with Deep-Frequency Modulation	Meenakshi Mahesh