GWADW2016 - Impact of Recent Discoveries on Future Detector Design

Tuesday, 24 May 2016

Poster Session (18:00 - 19:30)

time	[id] title	presenter
18:00	[63] A Tunable Resonant Detector for Low Frequency Gravitational Waves	Prof. UNNIKRISHNAN, CS
18:00	[117] New OSEM results using a displacement-doubling prism-based flag	Dr LOCKERBIE, Nicholas
18:00	[87] TOBA: a Low-frequency Gravitational-Wave Antenna	Prof. ANDO, Masaki
18:00	[82] Ultra-quiet Mirror Suspensions for the Glasgow Sagnac Speed Meter	Mr HENNIG, Jan-Simon
18:00	[89] Vibration Isolation System for KAGRA: Overview and Results in the First Operation	Mr OKUTOMI, Koki
18:00	[81] Reduction of Seismic Coupling Noise for TOBA	SHIMODA, Tomofumi
18:00	[62] Ambient seismic noise and its potential use in seismic exploration and monitoring	CAMPMAN, Xander
18:00	[84] Installation of Input Mode Cleaner of iKAGRA	Mr KAMBARA, Shogo
18:00	[80] Investigation of Suspension Upgrades for the Advanced LIGO Gravitational Wave Detector	LEE, Kyung Ha
18:00	[85] Coil-Coil Actuator for reduction of magnetic noise	Mr ARITOMI, Naoki
18:00	[102] Characterisation of the aLIGO monolithic suspensions	Dr SORAZU, Borja
18:00	[74] A study of contamination in gravitational wave detectors	Mr HASEGAWA, Kunihiko
18:00	[101] Trade-offs for squeezed light injection in a non-perfect world	SCHREIBER, Emil
18:00	[64] Reduction of quantum noise for gravitational wave detector KAGRA (I)	Mr ENOMOTO, Yutaro
18:00	[65] Dynamics of Fiber Amplifiers in the Context of Gravitational Wave Detectors' Laser Sources	Mr DE VARONA, Omar
18:00	[66] Reduction of quantum noise for gravitational wave detector KAGRA (II)	Mr NAGANO, Koji
18:00	[67] Optical levitation of a mirror	Dr MICHIMURA, Yuta
18:00	[68] Electromagnetic Derivation of Thermal Noise in Grating Reflectors	KROKER, Stefanie
18:00	[98] FINESSE 2.1 - with Multimode Squeezing	Mr TOYRA, Daniel
18:00	[91] The input optics for iKAGRA	Mr NAKANO, Masayuki
18:00	[90] Large band low frequency sensors based on Watt's linkage for future generations of interferometric detectors	BOSCHI, Valerio
18:00	[93] Silicate bonding extends to the photonics industry	Mr LACAILLE, Gregoire
18:00	[92] Thermal conductivity of bonded materials for future generation gravitational wave observatories	Mrs MASSO REID, Mariela
18:00	[95] High power fibered electro-optics components	GOSSELIN, Matthieu
18:00	[94] Development of ultra-low optical and mechanical loss aSi coatings using novel ECR ion beam deposition	Mr VINE, David

18:00	[15] Thermoelastic damping in silicon and metallic discs: the mode-dependent branching effect	LORENZINI, Matteo
18:00	[96] Laser power stabilization for future gravitational wave detectors	Ms TRAD NERY, Marina
18:00	[88] Developing a squeezed light source at Virgo site	LEONARDI, Matteo
18:00	[116] Factors pertaining to the strength of four-fiber monolithic silica test mass suspensions.	Dr TOKMAKOV, Kirill
18:00	[86] Environment at the underground GW detector KAGRA	Dr SHODA, Ayaka
18:00	[76] Cryogenic mechanical loss of IBS silica	Mr ROBIE, Raymond
18:00	[75] Indium bond research for crystalline cryogenic suspensions	Ms PHELPS, Margot
18:00	[73] A high-isolation, low-loss, in-vacuum, thermally-controlled Faraday isolator	MANTOVANI, maddalena
18:00	[72] Thermo-refractive noise measurement in the Advanced Virgo Output Mode Cleaner	DUCROT, Marine
18:00	[71] Angular control of Advanced Virgo suspended benches	Dr WAS, Michal
18:00	[70] Twin Signal Recycling for the Einstein Telescope	Ms ADYA, Vaishali
18:00	[79] Photoelasticity of Silicon and its temperature dependence	GLASER, Rene
18:00	[78] Amorphous silicon as low loss, high refractive index material for dielectric mirror coatings	Mr TORNASI, Zeno
18:00	[100] Comparison of ring-Sagnac and sloshing-Sagnac interferometer	Dr HUTTNER, Sabina
18:00	[99] Reduction of Virgo Low Frequency environmental magnetic noise	PAOLETTI, Federico