

The 5th Kagra International Workshop / The 1st Kagra-Virgo-3G Detectors Workshop

Saturday, February 16, 2019

R&D and new technologies: R&D and new technologies - Sala dei Notari (3:10 PM - 7:05 PM)

-Conveners: Yuta Michimura

time	[id] title	presenter
3:10 PM	[61] Report on the vacuum 3G workshop at LIGO	FULVIO RICCI
3:30 PM	[20] Recent advancements in substrate-transferred crystalline coatings	COLE, Garrett
3:50 PM	[69] Amorphous materials investigation in optical coatings: the VCR&D viewpoint for the 3G detectors	CAGNOLI, Gianpietro
4:10 PM	Coffee break	
4:35 PM	[64] Fabrication of amorphous and crystalline mirror coatings for reaching the thermal noise requirements for 3G detectors	STUART REID
4:55 PM	[25] Status of the frequency dependent squeezing experiment at TAMA	CAPOCASA, Eleonora
5:15 PM	[70] Results of the first injection of FIS in Advanced Virgo	TACCA, Matteo
5:25 PM	[36] Development of audio-band frequency-dependent vacuum squeezer for Advanced Virgo Gravitational Wave detector	BAWAJ, Mateusz
5:45 PM	[23] Purity of 10dB vacuum noise squeezing at 1064 nm	LEE, Ray-Kuang
6:05 PM	[18] Geometric contoured Euler springs for vertical vibration isolation in future gravitational wave detectors	VAN HEIJNINGEN, Joris
6:25 PM	[31] Newtonian noise measurement by Torsion-Bar Antenna	TAKANO, Satoru
6:45 PM	[32] The Cryomirror project for fast payload cooldown	CIANI, Giacomo