

GWADW2021 Gravitational Wave Advanced Detector Workshop

Monday, 17 May 2021

Coating thermal noise Workshop: Hour 1 (23:00 - 23:59)

-Conveners: Stuart Reid; Elisabetta Cesarini; Gianpietro Cagnoli

time	[id] title	presenter
23:00	[79] Meeting the Advanced LIGO+ coating requirements by using multimaterial designs	MARTIN, Iain
23:20	[37] Temperature Dependent Cryogenic Loss Measurements of Ti-doped GeO ₂ thin films	Dr KHADKA, Sudiksha
23:40	[120] SiN films: characterization workflow and examples from analysis	MAGNOZZI, Michele

Tuesday, 18 May 2021

Coating thermal noise Workshop: Hour 2 (00:00 - 01:00)

-Conveners: Gianpietro Cagnoli; Stuart Reid; Elisabetta Cesarini

time	[id] title	presenter
00:00	[152] Status of R&D activity on IBS SiNx coatings (Invited)	GRANATA, Massimo
00:15	[153] Status of R&D activity on IBS TiO ₂ :GeO ₂ coatings (Invited)	VAJENTE, Gabriele
00:30	[144] Coating choice for O5: Discussion	

Wednesday, 19 May 2021

Coating thermal noise Workshop: Hour 3-4 (06:00 - 08:00)

-Conveners: Gianpietro Cagnoli; Stuart Reid; Elisabetta Cesarini

time	[id] title	presenter
06:00	[145] Coating choice for O5: Summary	
06:15	[146] Coating choice for O5: Discussion	
06:45	[81] Metrology open issues in GeNS measurements	PIERGIOVANNI, Francesco
07:10	[75] Properties of amorphous SiC films	LUMACA, Diana
07:20	[96] Optical and mechanical characterization of ion-beam-sputtered MgF2 and AlF3 thin films	BISCHI, Matteo
07:30	[84] Performance of Optimized Ternary Coatings at Ambient and Cryo Temperatures	Prof. PINTO, Innocenzo M
07:40	[22] Substrate Transferred Crystalline AlGaAs Coatings Status	HARRY, Gregory
07:50	[38] Ultralow Absorption Conductive Al:ZnO Films for Charge Dissipation in LIGO Vacuum Mirrors	Dr DANA, Aykutlu