

GWADW2016 - Impact of Recent Discoveries on Future Detector Design

Tuesday, 24 May 2016

Thermal noise & coatings workshop - Sala Elena (09:00 - 10:35)

time	[id] title	presenter
09:00	[104] Amorphous dielectric coatings	FEJER, Martin
09:40	[105] Atomic structure investigations of amorphous coatings	BASSIRI, Riccardo
10:00	[106] Modeling coating thermal noise for gravitational wave detectors	BILLMAN, Chris
10:20	[107] New results on losses correlation with structure	COILLET, Elodie

Thermal noise & coatings workshop - Sala Elena (11:00 - 12:30)

time	[id] title	presenter
11:00	[113] Discussion	

Wednesday, 25 May 2016

Thermal noise & coatings workshop (09:00 - 10:30)

time	[id] title	presenter
09:00	[108] Amorphous optical coatings for gravitational-wave interferometers	GRANATA, Massimo
09:20	[109] Development of ultra-low optical and mechanical loss aSi coatings using novel ECR ion beam deposition	REID, Stuart
09:40	[110] Optical absorption of amorphous silicon coatings(included in previous slides)	MARTIN, Iain
10:00	[111] Thermoelastic damping in silicon and metallic discs: the mode shape dependent branching effect	LORENZINI, Matteo

Thermal noise & coatings workshop (11:00 - 12:30)

time	[id] title	presenter
11:00	[151] Coatings Thermal noise workshop discussion points	BASSIRI, Riccardo
11:10	[114] Discussion	

Friday, 27 May 2016

Thermal noise & coatings workshop - Sala Maria Luisa (15:30 - 16:30)

-Conveners: Iain Martin; Eric Gustafson; Gianpietro Cagnoli; Riccardo Bassiri

time	[id] title	presenter
15:30	[61] Minimizing test mass thermal noise with crystalline coatings	COLE, Garrett
16:00	[115] Discussion	