



# GWADW2016 - Impact of Recent Discoveries on Future Detector Design

## Tuesday, May 24, 2016

### Thermal noise & coatings workshop - Sala Elena (9:00 AM - 10:35 AM)

time	[id] title	presenter
9:00 AM	[104] Amorphous dielectric coatings	FEJER, Martin
9:40 AM	[105] Atomic structure investigations of amorphous coatings	BASSIRI, Riccardo
10:00 AM	[106] Modeling coating thermal noise for gravitational wave detectors	BILLMAN, Chris
10:20 AM	[107] New results on losses correlation with structure	COILLET, Elodie

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

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

## Wednesday, May 25, 2016

### Thermal noise & coatings workshop (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[108] Amorphous optical coatings for gravitational-wave interferometers	GRANATA, Massimo
9:20 AM	[109] Development of ultra-low optical and mechanical loss aSi coatings using novel ECR ion beam deposition	REID, Stuart
9:40 AM	[110] Optical absorption of amorphous silicon coatings(included in previous slides)	MARTIN, Iain
10:00 AM	[111] Thermoelastic damping in silicon and metallic discs: the mode shape dependent branching effect	LORENZINI, Matteo

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

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

# Friday, May 27, 2016

## **Thermal noise & coatings workshop - Sala Maria Luisa (3:30 PM - 4:30 PM)**

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

time	[id] title	presenter
3:30 PM	[61] Minimizing test mass thermal noise with crystalline coatings	COLE, Garrett
4:00 PM	[115] Discussion	