



# GWADW2016 - Impact of Recent Discoveries on Future Detector Design

## Wednesday, 25 May 2016

### Plenary 6 - Enhanced interferometers near term (<12 years) - Sala Maria Luisa (16:00 - 17:30)

-Conveners: Daniel Sigg; Matteo Barsuglia; Rana Adhikari

time	[id] title	presenter
16:00	[52] Summary of science goals	CHEN, Yanbei
16:15	[37] LIGO: the A+ upgrade	BARSOTTI, Lisa
16:25	[38] Virgo upgrade plans	CAGNOLI, Gianpietro
16:35	[39] Squeezing with long filter cavities	CAPOCASA, Eleonora
16:55	[51] Balanced homodyne readout	STEINLECHNER, Sebastian
17:05	[53] Discussion	

### Plenary 6 - Enhanced interferometers near term (<12 years) - Sala Maria Luisa (18:00 - 19:30)

-Conveners: Daniel Sigg; Matteo Barsuglia; Rana Adhikari

time	[id] title	presenter
18:00	[56] Coating - What's available now and in the 5-10 years	BASSIRI, Riccardo
18:08	[41] What if we are stuck with the coatings I	BALLMER, Stefan
18:16	[57] What if we are stuck with the coatings II	
18:25	[54] Discussion	
18:50	[40] Voyager: Pros and cons of the cryo-silicon-2micron idea	ADHIKARI, Rana
19:00	[55] Discussion	