

XIV ET Symposium | Maastricht

Monday, May 6, 2024

ISB: Optical Layout / Detector Layout - Room 2.2 (1:10 PM - 3:00 PM)

-Conveners: Jerome Degallaix; Anna Green

time	[id] title	presenter
1:10 PM	[206] ET 10 km triangle: towards the updated detector layout	GREEN, Anna DEGALLAIX, Jerome KOROBKO, Mikhail

ISB: Optical Layout / Detector Layout - Room 2.2 (3:30 PM - 4:15 PM)

-Conveners: Anna Green; Jerome Degallaix

ISB: HF Suspension Requirements - Room 2.2 (4:15 PM - 5:15 PM)

-Conveners: Stefan Hild

ISB: Infra Interface Discussion - Room 2.2 (5:15 PM - 6:15 PM)

-Conveners: Jan Harms; Stefan Hild

Tuesday, May 7, 2024

ISB: Integrated LF Tower Design - Room 2.2 (9:00 AM - 10:45 AM)

-Conveners: Steffen Grohmann

ISB: Integrated LF Tower Design - Room 2.2 (11:15 AM - 12:00 PM)

-Conveners: Steffen Grohmann

ISB: Controls / Electronics - Room 2.2 (12:00 PM - 1:00 PM)

-Conveners: Bas Swinkels; Loic Rolland

time	[id] title	presenter
12:00 PM	[207] Electronic standards	SWINKELS, Bas Dr ROLLAND, Loic

ISB: Contributed Talks - Room 2.2 (2:00 PM - 3:45 PM)

-Conveners: Jan Harms; Stefan Hild

time	[id] title	presenter
2:00 PM	[6] E-TEST: cryogenic radiative cooling of a 100kg suspended payload, from design to test.	
2:20 PM	[24] Cryopump concept of ET-LF - vacuum pumping and heat load aspects	
2:40 PM	[70] Towards Controls Noise Co-Design for the ET-LF, Test Mass Seismic Attenuation and Suspensions	
3:00 PM	[76] Tower Vacuum makes progress in defining the civil interfaces	
3:20 PM	[71] Installation of the Omnisens inertial isolation system.	

Wednesday, May 8, 2024

ISB: Contributed Talks - Room 2.2 (9:00 AM - 10:45 AM)

-Conveners: Jan Harms; Stefan Hild

time	[id] title	presenter
9:00 AM	[99] Instrument Science update from Glasgow Group	
9:20 AM	[12] Updated study of scattered light and baffle design in the main arms of the Einstein Telescope gravitational wave detector	
9:40 AM	[86] Strain noise induced by dust contamination in ET and cleanliness requirements	
10:00 AM	[67] Potential of Seismic and Newtonian Noise Suppression in ET using distributed fiber sensors	
10:20 AM	[17] Virgo's Quantum Noise Reduction System: Current Status and Future Insights	

ISB: Contributed Talks - Room 2.2 (11:15 AM - 1:15 PM)

-Conveners: Stefan Hild; Jan Harms

time	[id] title	presenter
11:15 AM	[30] Ferrara laboratory for birefringence measurements of substrates and reflective coatings	ZAVATTINI, Guido
11:35 AM	[55] Crystalline oxides for mirror coatings	
11:55 AM	[33] Minimizing Mechanical Losses through Partial Crystallization in Ion-Beam Sputtered Tantalum Oxide Thin Films	MILOTTI, Valeria
12:15 PM	[49] Status of realising and testing compact local test mass displacement sensors using DFMI	GERBERDING, Oliver
12:35 PM	[77] Superattenuators for the ET era	
12:55 PM	[37] CAOS: an international laboratory for prototyping ET suspensions	

ISB: ISB discussions - Room 2.2 (2:00 PM - 3:45 PM)

-Conveners: Stefan Hild; Jan Harms

ISB: Spare - Room 2.2 (4:15 PM - 5:45 PM)

-Conveners: Jan Harms; Stefan Hild

time	[id] title	presenter
4:15 PM	[208] From Optical Layout to Detector Layout	MAJOOR, Max
4:35 PM	[209] ISB2Infrastructure: next steps	HARMS, Jan
4:55 PM	[210] ERC for superfluid helium feasibility tests	GROHMANN, Steffen