



# 11th Einstein Telescope Symposium

## mercredi 2 décembre 2020

### Instrument science - LAPP (14:30 - 18:30)

-Présidents de session: Andreas Freise; Gianluca Gemme

time	[id] title	presenter
14:30	[5] ET Instrument Science Board overview	FREISE, Andreas GEMME, Gianluca
14:40	[6] Interferometer	DEGALLAIX, Jerome HILD, Stefan
15:00	[7] Suspensions	BERTOLINI, Alessandro FIDECARO, Francesco
15:20	[8] Optics	TOURNEFIER, Edwige REID, Stuart
15:40	[9] Active Noise Mitigation	MOW-LOWRY, Conor HARMS, Jan
16:00	Break	
16:20	[10] Vacuum and Cryogenics	RICCI, Fulvio GROHMANN, Steffen
16:40	[11] Infrastructure	AMMAN, Florian MARSELLA, Maria
17:00	[12] ET-Pathfinder	HILD, Stefan
17:20	[13] SarGrav	D'URSO , Domenico
17:40	[14] Discussion	

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## Instrument science - LAPP (11:15 - 12:35)

-Présidents de session: Gianluca Gemme; Andreas Freise

time	[id] title	presenter
11:15	[39] Higher-order Hermite-Gauss modes for gravitational waves detection	CHAIBI, Walid
11:35	[40] Recycling cavities and telescopes design for ET	ROWLINSON, Samuel Joshua
11:55	[43] R&D on coatings	STEINLECHNER, Jessica
12:15	[44] Development of crystalline silicon suspension structures	GIBSON, Ursula

## Instrument science - LAPP (15:00 - 18:00)

-Présidents de session: Gianluca Gemme; Andreas Freise

time	[id] title	presenter
15:00	[41] Seismic Newtonian noise cancellation for ET	ANDRIC, Tomislav
15:20	[42] Low frequency noise mitigation by inter-platform control	KOEHLLENBECK, Sina Maria
15:40	[45] He-II cooling: Possibilities for ET	BUSCH, Lennard
16:00	[46] A path towards cryogenic payloads in ET	RAPAGNANI, Piero
16:20	Break	
16:40	[47] Cryopumping for ET	HANKE, Stefan
17:00	[48] The Virgo vacuum plants and the current ET vacuum requirements	PASQUALETTI, Antonio
17:20	[49] Synergies between dynamic vacuum issues in accelerators and GW instrumentations	CIMINO, Roberto
17:40	[50] R&D plans for the Cosmic Explorer vacuum infrastructure	LAZZARINI, Albert