



# GRAvitational-waves Science&technology Symposium (GRASS 2022)

## Monday, 6 June 2022

### Optical coatings: A - Sala Paladin (09:20 - 10:50)

time	[id] title	presenter
09:20	[44] Crystalline oxides for mirror coatings	Prof. LOCQUET, Jean-Pierre
09:50	[4] Substrate-transferred aluminum gallium arsenide crystalline coatings for future gravitational wave detectors	PENN, Steven
10:10	[12] The crystallization process in Ta <sub>2</sub> O <sub>5</sub> and TiO <sub>2</sub> -Ta <sub>2</sub> O <sub>5</sub> amorphous films	FAVARO, Giulio
10:30	[14] Studies of the electro-optic noise in crystalline coatings and cryogenic coating mechanical losses toward future upgrades of gravitational wave detectors	TANIOKA, Satoshi

### Optical coatings: B - Sala Paladin (11:35 - 12:35)

time	[id] title	presenter
11:35	[15] Multimodal Gentle Nodal Suspension Measurements of Zirconia-Titania Coatings	CAPOTE, Elenna
11:55	[33] Cryogenic Mechanical Loss Measurements using a Gentle Nodal Support	MURRAY, Peter
12:15	[34] Optical properties of titania-tantalum coatings at cryogenic temperatures	MAGNOZZI, Michele