

GWADW2023 - Gravitational-Wave Advanced Detector Workshop

Tuesday, May 23, 2023

CTN: Coating thermal noise (9:00 AM - 10:30 AM)

-Conveners: Jessica Steinlechner; Elisabetta Cesarini

time	[id] title	presenter
9:00 AM	[155] A structural study of the properties of amorphous silica coatings for low internal friction optics	SILENZI, Laura
9:15 AM	[156] TiO ₂ :SiO ₂ /SiO ₂ HR coatings for future detector upgrades	MCGHEE, Graeme
9:30 AM	[157] Advancements in Atomic Structure Research for Amorphous Coatings	PRASAI, Kiran
9:45 AM	[158] AlGaAs coating: Status, challenges, and the prospects for A#	PENN, Steven
10:00 AM	[159] Cryogenic temperature characterisation of mechanical losses in low-refractive index coating material AlF ₃	FABRIZI, Federica
10:15 AM	[160] Hydrogen-induced ultra-low optical absorption and mechanical loss in amorphous silicon for gravitational-wave detectors	HELLMAN, Frances