

GWADW2023 - Gravitational-Wave Advanced Detector Workshop

Tuesday, 23 May 2023

CTN: Coating thermal noise (09:00 - 10:30)

-Conveners: Jessica Steinlechner; Elisabetta Cesarini

time	[id] title	presenter
09:00	[155] A structural study of the properties of amorphous silica coatings for low internal friction optics	SILENZI, Laura
09:15	[156] TiO ₂ :SiO ₂ /SiO ₂ HR coatings for future detector upgrades	MCGHEE, Graeme
09:30	[157] Advancements in Atomic Structure Research for Amorphous Coatings	PRASAI, Kiran
09:45	[158] AlGaAs coating: Status, challenges, and the prospects for A#	PENN, Steven
10:00	[159] Cryogenic temperature characterisation of mechanical losses in low-refractive index coating material AlF ₃	FABRIZI, Federica
10:15	[160] Hydrogen-induced ultra-low optical absorption and mechanical loss in amorphous silicon for gravitational-wave detectors	HELLMAN, Frances