

Quantum Technologies for Fundamental Physics

Monday, 4 September 2023

Cavities and Quantum Technologies for Gravitational Waves: Session 1 (09:00 - 10:30)

-Conveners: Roni Harnik

time	[id] title	presenter
09:00	[43] Introduction	HARNIK, Roni
09:10	[45] Resonant Cavities for Gravitational Waves	ELLIS, Sebastian
09:45	[46] MAGO 2.0: Detecting Gravitational Waves with Superconducting Cavities	BERLIN, Asher
10:20	[79] Discussion	

Cavities and Quantum Technologies for Gravitational Waves: Session 2 (11:30 - 13:00)

-Conveners: Sam Posen

time	[id] title	presenter
11:30	[47] Status of the MAGO cavity and the plan of high-f GW detection in Hamburg	PETERS, Krizstian WENSKAT, Marc
11:55	[48] MAGO activities at Fermilab and Frequency stability of SRF cavities (microphonics).	GIACCONE, Bianca PISCHALNIKOV, Yuriy
12:20	[49] Discussion	