

Searching for New Physics at the Quantum Technology Frontier

Thursday, January 20, 2022

Session 1 - HPV G5 (9:00 AM - 10:30 AM)

-Conveners: Paolo Crivelli

time	[id] title	presenter
9:00 AM	[3] Searches for Dark Matter with Atoms and Optics: Varying Fundamental "Constants" (Zoom/remote)	Prof. STADNIK, Yevgeny
9:45 AM	[6] New Technologies for Light Dark Matter (Zoom/remote)	Prof. HOCHBERG, Yonit

Friday, January 21, 2022

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time	[id] title	presenter
9:00 AM	[14] Searching for new physics with ultra-cold neutrons	Dr BISON, Georg
9:30 AM	[15] Probing Non-Standard Physics with Levitated Optomechanics	Ms MATTANA, Maria Luisa
10:00 AM	[23] Quantum measurements using the trapped-ion toolbox	Prof. HOME, Jonathan