

SQMS Quantum for Science - March 2024 (London)

Friday 22 March 2024

Morning session: Day 3 session 1 (09:30 - 11:00)

time	[id] title	presenter
09:30	[1] Dark matter landscape motivating new ideas in quantum sensors (theory intro)	HARNIK, Roni HARNIK, Roni
09:50	[19] Quantum computers and their role in understanding fundamental physics	DE JONG, Wibe
10:10	[21] Quantum Simulators for Fundamental Physics	WEINFURTNER, Silke WEINFURTNER, Silke

Morning session: Day 3 session 2 (11:20 - 13:00)

time	[id] title	presenter
11:20	[11] Quantum technologies for fundamental physics (experiment intro)	SHIPSEY, Ian
11:40	[12] New ideas for testing particle dark matter and phase transitions in He-3	CASEY, Andrew
12:00	[13] New ideas for axion searches in superfluid helium	FOSTER, Joshua
12:20	[16] Quantum sensor needs for dark matter axion searches	CHOU, Aaron