

Quantum Sensing Workshop

Wednesday, 15 February 2023

Session IV: Photons Session, Jonathan Collard (AWE), chair - Building 015, Room 0253 (11:40 - 15:10)

time	[id] title	presenter
11:40	[24] Coherent Quantum Sensing for Dark Matter Detection (axions, RF)	CAROSI, LAWRENCE LIVERMORE NATIONAL LABORATORY, Gianpaolo
12:00	[25] Distributed Sensing in the Long Island Quantum Network	MARTINEZ-RINCON, BROOKHAVEN NATIONAL LABORATORY, Julian
12:20	Lunch	
13:20	[26] Quantum ghost imaging with non-degenerate photon pairs	DUNCAN, LOS ALAMOS NATIONAL LABORATORY, Ryan
13:40	[27] Quantum sensing applications using entangled squeezed light	SOH, LOS ALAMOS NATIONAL LABORATORY, Daniel
14:00	[49] Entangled photons for tamper indication	KING, ATOMIC WEAPONS ESTABLISHMENT, Adrian
14:20	[50] Compressive spectroscopy	KING, ATOMIC WEAPONS ESTABLISHMENT, Adrian
14:40	[51] Photons Session Discussion, report assignments	