

Quantum Sensing Workshop

Wednesday, 15 February 2023

Session III: Spins Session, Thomas Schenkel, chair - Building 015, Room 0253 (08:40 - 11:40)

time	[id] title	presenter
08:40	[17] Magnetic Quantum Sensors for NNSA Programs	KIM, LAWRENCE LIVERMORE NATIONAL LABORATORY, Geon-Bo
09:00	[18] Quantum-Enabled Biochemical imaging at Rhizosphere	HAO, LAWRENCE BERKELEY NATIONAL LABORATORY, Zhao
09:20	[19] Advanced electric field sensing/imaging technologies	JAU, SANDIA NATIONAL LABORATORY, Yaun-Yu
09:40	[20] Quantum Magnetic Imaging for Counterfeit Detection and Integrated-Circuit Interrogation	KEHAYIAS, SANDIA NATIONAL LABORATORY, Pauli
10:00	Break and Group Photo	
10:30	[21] Extending Quantum Spin Sensing to Large Areas/Volumes	LYON, PRINCETON UNIVERSITY, Stephen
10:50	[22] Quantum defect dephasing times from first-principles	TAN, LAWRENCE BERKELEY NATIONAL LABORATORY, Liang
11:10	[23] Spin Session Discussion, report assignments	