

Radiation Impact on Superconducting Qubits (RISQ 2024)

Thursday, 30 May 2024

Day 1: Kick-Off - One West (09:00 - 10:15)

-Conveners: Daniel Baxter

time	[id] title	presenter
09:00	[13] Welcome and goals of the workshop	GRASELLINO, Anna CRIPE, Jonathan HUMBLE, Travis
09:15	[14] Plenary Overview	MCEWEN, Matthew

Day 1: Current Strategies of the DOE NQI Centers - One West (10:30 - 12:00)

-Conveners: Travis Humble

time	[id] title	presenter
10:30	[15] Summary of QSC Efforts	BAXTER, Daniel
11:00	[16] Summary of SQMS Efforts	ROY, Tanay
11:30	[17] Summary of C2QA Efforts	VANDEVENDER, Brent A.
11:45	[18] Discussion	

Day 1: Tools and Current Strategies - One West (13:00 - 15:15)

-Conveners: Tanay Roy

time	[id] title	presenter
13:00	[20] Muon tagging using Kinetic Inductance Detectors	MARIANI, Ambra
13:15	[21] External muon tagging	HARRINGTON, Patrick
13:30	[22] Phonon Trapping	PLOURDE, Britton
13:45	[23] Phonon Funneling (SQUATs)	KURINSKY, Noah
14:00	[24] IR Mitigation	CHANG, Yen-Yung
14:15	[25] Theory Perspectives	CATELANI, Gianluigi
14:30	[26] G4CMP Workshop Summary	LINEHAN, Ryan
15:00	[27] Discussion	

Day 1: Panel of Experts - One West (15:30 - 17:00)

-Conveners: Enectali Figueroa-Feliciano; Laura Cardani; Joseph Formaggio

time	[id] title	presenter
15:30	[19] Panel	CLELAND, Andrew MARTINIS, John FAORO, Lara CARDANI, Laura THORBECK, Ted