

Table of contents

Tuesday 16 January 2024	1
-------------------------------	---

Conference on New Frontiers in Scaling Quantum: from Materials and Hardware to Architectures and Components | (smr 3916)

Tuesday 16 January 2024

Quasiparticles and strongly disordered superconductors - Budinich Lecture Hall (LB) (09:00-17:30)

time	title	presenter
09:45	Photon-assisted Quasiparticle Poisoning in Superconducting Qubits	ROBERT MCDERMOTT
10:30	Coffee break	
11:00	Insight into superconductivity in granular aluminium from millikelvin scanning tunnelling spectroscopy	THOMAS GOZLINSKI
11:45	On the role of disorder in superconducting materials on qubit coherence	RAN GAO
12:30	Lunch break	
13:30	Strongly disordered superconductors for superinductances	BENJAMIN SACEPE
14:15	Mean-field theory of first order quantum superconductor-insulator transition	MIKHAIL FEIGELMAN
15:00	Coffee break	
15:30	Round table II	MICHEL DEVORET (GOOGLE AND YALE), BRITTON PLOURDE (SYRACUSE UNIVERSITY), ROBERT MCDERMOTT (UNIVERSITY OF WISCONSIN-MADISON), LEV IOFFE (GOOGLE), IOAN POP (KARLSRUHE INSTITUTE OF TECHNOLOGY)