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

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Challenge of large scale devices - Budinich Lecture Hall (LB) (09:00-17:30)

time	title	presenter
09:00	Using bi-fluxon tunneling to protect the Fluxonium qubit	NICOLAS ROCH
09:45	Two level system dynamics and simulations of surface code sensitivities to non-identical infidelity distributions	MALCOLM CARROLL
10:30	Group photo	
10:35	Coffee break	
11:00	Electromagnetic simulation methods for planar superconducting circuits	BASIL M. SMITHAM
11:45	Toward Fault Tolerant quantum computing with superconducting fluxonium	CHUNQING DENG
12:30	Lunch break	
13:30	System integration in superconducting quantum computers	YUTAKA TABUCHI
14:15	Scalable 3D integration of high-performance superconducting qubits	GIOVANNA TANCREDI
15:00	Coffee break	
15:30	Round table III	MICHEL DEVORET (GOOGLE AND YALE), YUTAKA TABUCHI (RIKEN), MALCOLM CARROLL (IBM), CHUNQING DENG (ALIBABA), GIOVANNA TANCREDI (CHALMERS UNIVERSITY OF TECHNOLOGY)