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Foundations and Applications of Nanomechanics | (smr 3177)

Thursday 28 September 2017

notitle - Kastler Lecture Hall (AGH) (09:00-16:20)

time	title	presenter
09:00	Tunable spin-spin interaction in a nano-mechanical device	PARAFILO, Anton
09:40	Spin-coupled diamond mechanical systems	ANIA JAYICH (UC SANTA BARBARA, USA)
10:20	Coffee break	
10:50	Mini-Project Presentation	
11:20	Quantum Synchronization Blockade	NIELS LOERCH (UN. BASEL, SWITZERLAND)
12:00	Dispersive coupling of a superconducting qubit to a SAW resonator	PETER LEEK, (OXFORD UNIVERSITY, UK)
12:40	Lunch break	
14:30	Rare-earth doped crystals for strain-coupled optomechanics	SIGNE SEIDELIN (UNIVERSITY OF GRENOBLE, FRANCE)
15:10	Manipulating heat in optomechanical systems	ANDRE XUEREB (UNIVERSITY OF MALTA, MALTA)
15:50	Coffee break	