



# Table of contents

Tuesday 17 May 2022 .....	1
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# Quantum Microwaves, Heat Transfer and Many-Body Physics in Superconducting Devices | (smr 3704)

## Tuesday 17 May 2022

**notitle - Adriatico Guest House - Kastler Lecture Hall (09:00-12:25)**

time	title	presenter
09:00	Experimental test of Kubo relation in a non-linear quantum conductor driven out of equilibrium	CARLES ALTIMIRAS
09:35	Dissipative entanglement generation between superconducting qubits coupled to a resonator and driven by microwave fields	MARIA' JOSE' SANCHEZ
10:10	Coffee break	
10:40	Bolometric measurements of thermal microwave photons in superconducting quantum circuits	JUKKA PEKKA PEKOLA
11:15	Nonlocal thermoelectricity in hybrid topological Josephson junctions	FABIO TADDEI
11:50	Heat-based measurement and on-demand dissipation for a superconducting qubit	MIKKO MOETTOENEN