

Table of contents

Thursday 19 May 2022	1
----------------------------	---

Quantum Microwaves, Heat Transfer and Many-Body Physics in Superconducting Devices | (smr 3704)

Thursday 19 May 2022

notitle - Adriatico Guest House - Kastler Lecture Hall (09:00-12:30)

time	title	presenter
09:00	Spin-orbit coupling and Coulomb interactions in nanowire weak links	HUGUES POTHIER
09:35	Theory of interactions and cQED detection of Andreev bound states in nanowire Josephson junctions	ALFREDO LEVY YEYATI
10:10	Coffee break	
10:40	A hybrid cavity-transmon-magnon haloscope for dark matter detection	TAKIS KONTOS
11:15	Contributed talk: Inelastic scattering in an integrable system	AMIR BURSHTAIN
11:35	Photon decay in a circuit QED implementation of the boundary sine-Gordon model	DENIS BASKO
12:10	Contributed talk: A non-perturbative cross-Kerr coupling to achieve high fidelity quantum non-demolition superconducting qubit measurement	OLIVIER BUISSON