

SFB - FOQUS 15./16. December 2016

15. Dez 16	16. Dez 16
	08:30 - 09:30 Board Meeting
	09:30 - 10:20: Klaus Mølmer <i>The Schrödinger Zoo</i>
	10:20 - 10:45: Farokh Mivehvar <i>A Superradiant Topological Peierls Insulator inside an Optical Cavity</i>
	10:45 - 11:10: Igor E. Mazets <i>A universal method of modeling thermal correlations of one-dimensional classical fields</i>
	11:10 - 11:40: Coffee and Posters
	11:40 - 12:05: Nicolai Friis <i>Flexible resources for quantum metrology</i>
	12:05 - 12:30: Giuseppe Calajo <i>Atom-photon interactions at the speed of light</i>
	12:30 - 12:55: Katharina Schwaiger <i>Relations between bipartite entanglement measures</i>
	12:55 - 13:20: Zizhu Wang <i>Entanglement and Nonlocality of 1D Macroscopic Systems</i>
	13:20 Departure
12:10 - 12:15 Welcome	
12:15 - 12:30: Markus Arndt <i>The Austrian Quantum Initiative ESQ: Goals and Perspectives</i>	
12:30 - 13:00: Tommaso Calarco <i>Preparing a Quantum Technologies European Flagship</i>	
13:00 - 14:00 Discussions and independent lunch break	
14:00 - 14:50: Tommaso Calarco <i>Quantum optimal control for quantum technologies</i>	
14:50 - 15:15: Benoit Vermersch <i>Quantum optical networks with chiral couplings</i>	
15:15 - 15:40: <i>3 minutes Poster Presentations</i>	
15:40 - 16:10 Poster & Coffee	
16:10 - 17:00: Renato Renner <i>An information-theoretic view on the foundation of quantum theory</i>	
17:00 - 17:25: Claudiu Genes <i>Cavity-mediated effects in transport</i>	
Poster Session and option for Lab Tours Lab Tours: Please subscribe before, Dep. to labs 17:30	
18:45 Departure for Dinner 19:30 Dinner	

There will be time for **lab-tours**. In case you want to visit labs, please write a brief email to nikolai.kiesel@univie.ac.at with the labs you would like to see before **Friday 9th December**.
Thank you.