

Quantera meeting in Warsaw

16th January 2020

Place: Institute of Physics, Polish Academy of Sciences
al. Lotników 32/46, 02-668 Warsaw

Room 203

09:30	Introduction and summary of the mid-term evaluation	
09:40	Paul Walker – Single Polariton Nonlinear Phase Manipulation	Sheffield
10:05	Charles Whittaker - Optical analogue of Dresselhaus spin-orbit interaction in photonic graphene	
10:30	Coffee break	
11:00	Omar Jamadi	Paris/Lille
11:25	Philippe St-Jean - Measuring topological invariants in polaritonic graphene	
11:50	Cristobal Lledo Veloso - Nonlinear regime of strained honeycomb polariton lattice	UCL
12:05	Alex Ferrier - Antibunching in locally driven dissipative Bose-Hubbard Lieb lattices	
12:25	Conor McKeever - Driven Dissipative Tensor Networks	
12:45	Lunch	
13:45	Alexander Kuznetsov – Parametric photons from confined polariton condensates driven by acoustic fields	Berlin
14:05	Klaus Biermann - Intracavity polariton traps	
14:25	Daniel Dahan, Geva Arwas - Superfluidity and Chaos in Bose-Hubbard Circuits	Ben Gurion
	Amrita Ghosh - Topological Phases of Strongly Interacting Bosons on Honeycomb Lattice	
15:15	Coffee break	
15:45	Paolo Comaron - Non-Hermitian Topological End-Mode Lasing in Polariton Systems	Warsaw
16:15	Scientific Discussions	
	Future experiments	
	Ideas for new collaborations	
	Difficulties; Plan B?	
17:30	Administration	
	Paulo Santos - Heraeus Seminar	
	Website, Next Skypes	
18:00	Closing	
19:30	Dinner at Restauracja "Podwale 25" ul. Podwale 25	