



Course on

Experimental Quantum Optics

March 10-11, 2016

Building HPF G6, ETH Hoeggerberg

- The course aims to introduce to Experimental Quantum Optics
- The target audience is post-docs and PhD students involved in the project SiQuro. Other collaborators are also invited to participate.
- The course is free, but subscription is mandatory.
- Travel, accommodation and meal expenses are not reimbursed by the organizers.

Program

Thursday, March 10, 2016

09:00-10:00 *Welcome and Introduction, Prof. Dr. Atac Imamoglu*

10:00-10:15 *Coffee break*

10:15-12:00 *Optical spectroscopy of low dimensional semiconductor structures, Dr. Martin Kroner*

12:00-14:00 *Lunch*

14:00-16:00 *Quantum optics with cold atoms in optical lattices, Dr. Gregor Jotzu*

16:00-16:45 *Coffee break*

16:45-18:00 *Seminar by Dr. Iacopo Carusotto*

Friday, March 11, 2016

09:00-11:00 *Ultra strong light-matter coupling, Dr. Jerome Faist*

11:00-11:15 *Coffee break*

11:15-12:30 *Quantum opto-mechanics, Dr. Jan Klaers*

12:30-14:00 *Lunch*

14:00-16:15 *Exciton polaritons, photon stastics and polariton blockade, Dr. Naotomo Takemura and Dr. Thomas Fink*

16:15-16:30 *Coffee break*

16:30-18:00 *Control, readout and entanglement of spin qubits Dr. Aymeric Delteil*