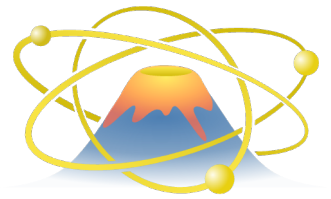


QuCoLiMa Talks

Quantum Cooperativity of Light and Matter



Tuesdays 12:00

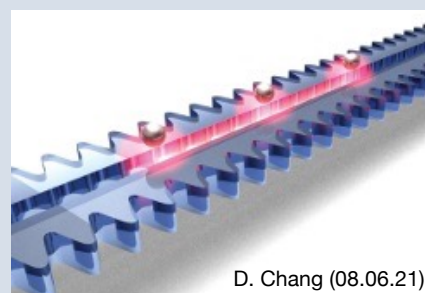
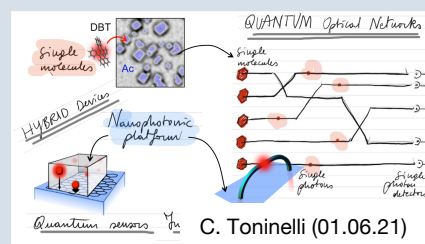
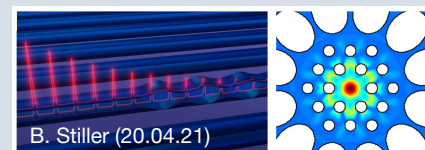
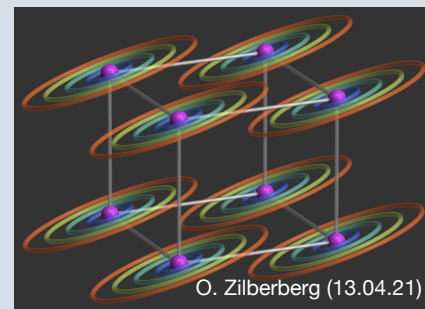


Join Zoom Meeting:

www.qucolima.de/join-qucolima-talk

Schedule Summer Semester 2021

Date	Title	Speaker	Institute
13.04.2021	Interplay of system and environment in many-body phase transitions	Oded Zilberberg	ETH Zürich
20.04.2021	Coherent optoacoustic interactions in waveguide structures	Birgit Stiller	MPI Physik des Lichts
27.04.2021	Photon-assisted tunneling at the atomic scale: Probing resonant Andreev reflections from Yu-Shiba-Rusinov states	Katharina Franke	FU Berlin
Monday 03.05.2021*	15:00 Exploring new scientific frontiers with programmable atom arrays	Mikhail Lukin*	Harvard University
	16:00 Nonequilibrium dynamics of quantum gases in time-dependent disorder	Artur Widera*	TU Kaiserslautern
11.05.2021	-----	-----	-----
18.05.2021	Nonlinear scattering of few photons interacting with a single quantum emitter in a waveguide	Hanna Le Jeannic	Centre national de la recherche scientifique (CNRS)
25.05.2021	Advancing quantum information science with hybrid cavity magnonics	Xufeng Zhang	Argonne National Laboratory
01.06.2021	Integrated single-molecule devices for quantum photonic technologies	Costanza Toninelli	Europ. Lab. for Non-Linear Spectroscopy
08.06.2021	Quantum optics using atomic arrays	Darrick Chang	ICFO - The Institute of Photonic Sciences
15.06.2021	tba	David Snoke	University of Pittsburgh
22.06.2021	Passive vs. active quantum steering	Yuval Gefen	Weizmann Institute of Science
29.06.2021	Spin-photon interfaces for quantum repeater networks	Sophia E. Economou	Virginia Tech
06.07.2021	Strongly correlated electrons in atomically thin semiconductors	Atac Imamoglu	ETH Zürich
13.07.2021	Non-stationary quantum many-body dynamics and synchronization	Berislav Buca	University of Oxford



*Featured talks in collaboration with SPICE - Zoom-Registration via SPICE until April 26th or public stream on YouTube

(<https://www.spice.uni-mainz.de/dpeqm-2021-home/>)

Abstracts and more information at www.qucolima.de/talks