

Overview talks

First name	Last name	Institution	Title Talk
Ehud	Altman	University of California, Berkeley Physics Department	Measurement induced phase transitions in ground states
Andrea	Bergschneider	University of Bonn	Excitons in charge-tunable atomically thin semiconductors
Immanuel	Bloch	LMU Munich	From Novel Quantum Light Matter Interfaces using Subwavelength Arrays of atoms to Non-equilibrium dynamics in Heisenberg quantum chains
Sabrina	Burgardt	Technical University of Kaiserslautern	Dynamical phase transition in an open quantum system
Iacopo	Carusotto	Università di Trento	Excitations and dynamics of fractional quantum Hall fluids of atoms and of light
Roberta	Citro	University of Salerno	Many-body parametric resonances in the driven sine-Gordon model
Shovan	Dutta	Max Planck Institute for the Physics of Complex Systems	Controllable long-range entanglement in a lossy qubit array
Fabian	Essler	University of Oxford	Lindblad equations and quantum integrability
Tilman	Esslinger	ETH Zürich	Topological pumping in open and closed systems
Zlata	Fedorova	University of Bonn	Non-Hermitian Floquet engineering in plasmonic waveguide arrays
Thierry	Giamarchi	University of Geneva	tba
Antoine	Glicenstein	Institut d'Optique, CNRS	From superradiance to subradiance : exploring the many-body Dicke ladder
Catalin-Mihai	Halati	University of Geneva	Fluctuations and symmetry effects in many-body self-organization in a dissipative cavity
Simon Balthasar	Jäger	Technical University of Kaiserslautern	Lindblad master equations for quantum systems coupled to dissipative bosonic modes
Jonathan	Keeling	University of St. Andrews	Associative Memory with Confocal Cavity QED
Hans	Keßler	Universität Hamburg	Observation of a continuous time crystal
Michael	Köhl	University of Bonn	Competing magnetic orders in a bilayer Hubbard model with ultracold atoms
Jan	Kumlin	Aarhus University	Collective Effects of Light-Matter Interaction in a Rydberg Superatom
Yu-Jie	Liu	Technical University of Munich	Dissipative phase transitions and quantum memories
Leonardo	Mazza	Université Paris-Saclay	Two-body losses in correlated quantum gases
Patrick	Mischke	Technical University of Kaiserslautern	Self-organization of facilitated Rydberg excitations
Giovanna	Morigi	Saarland University	Noise and (quantum) information
Henning	Moritz	University of Hamburg	Fermionic superfluids in two and three dimensions
Dario	Poletti	Singapore University of Technology and Design	Current rectification in strongly interacting spin chains
Monika	Schleier-Smith	Stanford University	Atoms Interlinked by Light: Programming Interactions and Probing Entanglement
Julian	Schmitt	University of Bonn	Compressibility and the equation of state of an optical quantum gas in a box
Imke	Schneider	Technical University of Kaiserslautern	The quasi-1D Lieb-Liniger gas with time-periodically modulated interactions
Leticia	Tarruell	Institute of Photonic Sciences (ICFO)	Engineering a topological gauge theory with an optically coupled Bose-Einstein condensate"
Anne-Maria	Visuri	University of Bonn	Superfluid transport through a lossy quantum point contact