

Overview posters

Firstnam	Lastname	Institution	Poster Title	Date of presentation
Aya	Aboueela	University of Bonn	Topology and quantum transport in Floquet driven systems	13.06.2022
James	Anglin	Technical University of Kaiserslautern	Quantum decisions at tipping points: the quantum Kruskal-Neishdadt-Henrard theorem	13.06.2022
François	Damanet	University of Liège	Non-Markovian Quantum Dynamics in Strongly Coupled Multimode Cavities Conditioned on Continuous Measurement	13.06.2022
Christoph	Dauer	Technical University of Kaiserslautern	Engineering of Feshbach Resonances by a Floquet Drive	13.06.2022
Hodei	Eneriz	Nice Institute of Physics (Inphyni)	Interarm recoil effects and gray molasses in a ring cavity	13.06.2022
Janek	Fleper	University of Bonn	Ultracold fermions in optical superlattices	13.06.2022
Sébastien	Garcia	Collège de France, CNRS	Intracavity Rydberg superatom for optical quantum engineering	13.06.2022
Mathis	Giesen	Technical University of Kaiserslautern	Resonances in periodically driven magnon systems	13.06.2022
Florin	Hemmann	University of Bonn	Particle transport on a tight binding chain with two AC-driven impurities	13.06.2022
Dolf	Huybrechts	ENS de Lyon	Enhancement of entanglement at a dissipative phase transition	13.06.2022
Michael	Kajan	University of Bonn	Auxiliary Particle Field Theory for Generalised and non-Markovian Jaynes-Cummings Models	13.06.2022
Kirankumar	Karkihalli Umesh	University of Bonn	Photon gases in microstructured potentials: From 1D to 2D	13.06.2022
Maximilian	Kiefer-Emmanouilidis	Technical University of Kaiserslautern	Particle fluctuations and the failure of simple effective models for many-body localized phases	13.06.2022
Kevin	Kleinbeck	University Stuttgart	Creation of non-classical states of light from Rydberg superatom arrays	14.06.2022
Jimin	Li	University of Bonn	Random matrix theory for quantum and classical metastability in local Liouvillians	14.06.2022
Simon	Lieu	National Institute of Standards and Technology (NIST)	Candidate for a self-correcting quantum memory in two dimensions	14.06.2022
Rui	Lin	ETH Zurich	Dissipation-engineered family of nearly dark states in many-body cavity-atom systems	14.06.2022
Franco	Lisandrini	University of Bonn	Majorana end-modes in a spinful particle conserving model	14.06.2022
Laurent	Longchambon	Université Sorbonne Paris Nord	Fast rotation and decay of a superfluid	14.06.2022
Maria	Maffei	Institut Neel, Cnrs Grenoble	Quantum energetics: connecting an open- and a closed-system approach	14.06.2022
Francesca	Orsi	Ecole Polytechnique Fédérale de Lausanne (EPFL)	Cavity-QED Quantum Simulator of Random Spin Models	14.06.2022
Aslam	Parvej	Technical University of Kaiserslautern	Periodically Driven Quantum-Many-Body Spin System: A Real-Time Approach using Exact Diagonalization (ED) Method	14.06.2022
Axel	Pelster	Technical University of Kaiserslautern	Stability of Quantum Degenerate Fermionic Polar Molecules Without and With Microwave Shielding	14.06.2022
Thomas	Pohl	Aarhus University	Quantum nonlinear optics in atomic arrays	14.06.2022
Sayak	Ray	University of Bonn	Non-local correlation and entanglement of ultracold bosons in the two-dimensional Bose-Hubbard lattice at finite temperature	14.06.2022
Marvin	Röhrle	Technical University of Kaiserslautern	Driven Bose-Einstein condensate with tailored dissipation and potentials	14.06.2022
Rodrigo	Rosa-Medina	ETH Zurich	Engineering Dynamical Tunneling in a Superradiant Quantum Gas	15.06.2022
Andre	Salzinger	Physikalisches Institut Heidelberg	Controlled Dephasing and Two-Time Correlations in Rydberg Qubits	15.06.2022
Ameneh	Sheikhan	University of Bonn	Floquet-engineered pair and single particle filter in the Fermi Hubbard model	15.06.2022
Anna	Sidorenko	University of Bonn	Spectral imaging of the anomalous π mode in periodically driven plasmonic waveguide arrays	15.06.2022
Elias	Starchl	Institute for Theoretical Physics Innsbruck	Relaxation to a biorthogonal generalized Gibbs ensemble after a quantum quench in a parity-time symmetric driven and open Kitaev chain	15.06.2022
Enrico	Stein	Technical University of Kaiserslautern	Hamiltonian Formulation of Thermo-Optic Photon-Photon Interaction in Photon BECs	15.06.2022
Tomasz	Szoldra	Jagiellonian University in Krakow	Time evolution of an interacting chain in cavity with artificial neural networks	15.06.2022
Luisa	Tolle	University of Bonn	Fermionic many-body self-organization in dissipative cavities	15.06.2022
Michael	Turaev	University of Bonn	Kondo systems with periodically driven dipole transitions	15.06.2022
Arif	Warsi Laskar	University of Bonn	Atoms in the lowest Landau level of a synthetic atomic erbium quantum Hall system	15.06.2022
Matthias	Wurdack	The Australian National University	Room-temperature exciton polaritons in an atomically-thin WS ₂ crystal	15.06.2022
Jakub	Zakrzewski	Jagiellonian University	Many-body localization regime for cavity induced long-range interacting models	15.06.2022