



Schedule Winter Semester 2024



Tuesdays
12:00



Zoom: www.qucolima.de/join-qucolima-talk

Erlangen
Lecture Hall HF
Physikum

Saarbrücken
tba

Mainz
tba

Date	Title	Location*	Speaker
05.11.2024	Superfluorescence in Lead Halide Perovskite Nanocrystals	Zoom	Thilo Stöferle (IBM Research - Zurich)
19.11.2024	Non-demolition measurements of quantum collective observables (A07)	Erlangen & Zoom	Christopher Eichler (FAU Erlangen-Nürnberg)
26.11.2024	Tailoring many-body quantum dynamics in ensembles of Mössbauer nuclei using x-ray cavities	Erlangen & Zoom	Jörg Evers (MPIK Heidelberg)
03.12.2024	Boosting the quantum yield of a NIR single photon emitter and singlet fission in individual molecular dimers	Mainz & Zoom	Thomas Basché (JGU Mainz)
17.12.2024 15:00 (!)	Understanding the role of disorder in the nonequilibrium dynamics of a correlated many-particle system	Zoom	Herbert F. Fotso (University at Buffalo, NY,USA)
21.01.2025	Mediating quantum cooperativity in singlemolecule magnets via plasmons (B06)	Mainz & Zoom	Angela Wittmann (JGU Mainz)
28.01.2025	Quantum simulation and quantum computing with atomic arrays	Erlangen & Zoom	Johannes Zeiher (MPQ München)
04.02.2025	Monitored quantum matter	Mainz & Zoom	Michael Buchhold (Universität zu Köln)

*** All talks hybrid:**

Mixture of on-site talks at the main sites of QuCoLiMa (Erlangen, Mainz, Saarbrücken) as well as online talks. Regardless of where the talks are given, they are livestreamed via Zoom and can be watched from home/office or *cooperatively* in the respective meeting rooms.

QuCoLiMa Talks are regular seminars of the collaborative research center TRR 306 QuCoLiMa (Quantum Cooperativity of Light and Matter), where (external) experts are invited to present their work.

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

