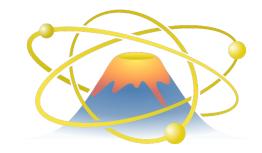
TRR 306

QuCoLiMa Talks



Quantum Cooperativity of Light and Matter

Schedule Summer Semester 2024





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

Erlangen Lecture Hall HF Physikum Saarbrücken

Mainz tba

| Date | Title | Location* | Speaker | Chairperson |
|-------------------------|--|-----------------------|--|----------------------|
| 16.04.2024 | Tweezers, trapped ions, and Rydbergs: a quantum simulation zoo | Erlangen & Zoom | Arghavan Safavi Naini (University of Amsterdam, The Netherlands) | Claudiu Genes |
| 23.04.2024 15:00 (!) | Continuous lasing and self-regulated frequency pinning of the dressed cavity resonance with strongly-coupled ⁸⁸ Sr atoms in a ring cavity | Saarbrücken & Zoom | Vera Schäfer (MPI Heidelberg) | Jürgen Eschner |
| 30.04.2024 15:00 (!) | The grasshopper problem | Zoom | Olga Goulko (UMass Boston, US) | Jamir Marino |
| 07.05.2024 | | - | - | - |
| 28.05.2024 15:00 (!) | Probing & benchmarking quantum devices with randomized measurements | Zoom | Andreas Elben (Caltech, US) | Jamir Marino |
| 18.06.2024 | Tailoring the degree of entanglement of two coherently coupled quantum emitters | Erlangen & Zoom | Brahim Lounis (University of Bordeaux, France) | Stephan Götzinger |
| 25.06.2024 | Trapped-Ion simulation of open quantum systems | Zoom | Guido Pagano (Rice University, US) | Jamir Marino |
| 16.07.2024 | Towards nonlinear optics at x-ray energies with Mössbauer nuclei | Erlangen & Zoom | Dominik Lentrodt (Universität Freiburg) | Joachim von Zanthier |

* 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









