



## Schedule Summer Semester 2022

Date	Title	Location*	Speaker	Chairperson
26.04.2022	Spintronic phenomena at unconventional hybrid interfaces	Zoom (online only)	Angela Wittmann (JGU Mainz)	Ferdinand Schmidt-Kaler
03.05.2022	Resonant dipole-dipole interactions: Dicke subradiance and Anderson localisation	Erlangen & Zoom	Robin Kaiser (CNRS / Université de la Côte d'Azur)	Joachim von Zanthier
10.05.2022	Doctoral Seminar of the RTG			
17.05.2022	Quantum criticality and out-of-equilibrium scaling long-range systems and beyond	Zoom	Nicolo Defenu (ETH Zurich)	Jamir Marino
24.05.2022	Molecular polaritonics from the macroscopic to the single-molecule regime	Zoom	Johannes Feist (Univ. Autónoma de Madrid)	Claudiu Genes
31.05.2022	Quantum Computing for High Energy Physics	Saarbrücken & Zoom	Karl Jansen (DESY Zeuthen)	Giovanna Morigi
07.06.2022	----- Pentecost -----			
14.06.2022	Doctoral Seminar of the RTG			
21.06.2022	<i>QuCoLiMa Talk organised by Young Researchers</i>	<i>tba</i>	<i>tba</i>	<i>RTG</i>
28.06.2022	Non-Hermitian topological phenomena: Exceptional points, symmetry and breakdown of the bulk-boundary correspondence	Erlangen & Zoom	Flore Kunst (MPL Erlangen)	Claudiu Genes
05.07.2022	Hybrid quantum-classical methods for better quantum gates and quantum algorithms	Zoom	Frank Wilhelm-Mauch (UdS / Jülich)	Giovanna Morigi
12.07.2022	Doctoral Seminar of the RTG			
19.07.2022 15:00 !	Asymptotic Birkhoff Construction of Local Integrals of Motion in a Spin Chain	Zoom	Anatoli Polkovnikov (Boston University)	Jamir Marino



**Tuesdays 12:00**



**Zoom:** [www.qucolima.de/join-qucolima-talk](http://www.qucolima.de/join-qucolima-talk)

**Erlangen**  
Lecture Hall HH  
Physikum  
(from May 3)

**Mainz**  
tba

**Saarbrücken**  
Konferenzraum 407  
Gebäude E1.1  
(from May 3)

\* Please note that in the summer semester, the format of the QuCoLiMa Talks will be as originally planned in the application of the TRR:  
**All members of QuCoLiMa gather at their site in a lecture hall and listen to the QuCoLiMa Talk - regardless of where the talk is given.**

- Erlangen: Starting from May 3, all talks (live and presentations via Zoom or from other sites) will be presented in lecture hall HH.
- Saarbrücken: Starting from May 3, all talks (live and presentations via Zoom or from other sites) will be presented in Konferenzraum 407.
- Mainz: tba

Abstracts and more information at [www.qucolima.de/talks](http://www.qucolima.de/talks)