

The **SFB Q-M&S** is a collaborative research project funded by the Austrian Science Fund and the German Research Foundation, with 10 PIs hosted at 4 institutions in Austria and Germany. We aim to bridge the fields of correlated quantum materials and solid state quantum systems, to advance both. For more information, please visit our project website www.q-ms.org.

Summer School 2025

Julius-Maximilians-Universität Würzburg, September 15-19, 2025

The Summer School 2025 on Correlated Quantum Materials & Solid State Quantum Systems is the third school of the SFB Q-M&S and the first one to collaborate with the Cluster of Excellence ct.qmat – Complexity and Topology in Quantum Matter (www.ctqmat.de). It will consist of tutorials on selected topics of the SFB Q-M&S and ct.qmat, student talks for students, poster sessions as well as individual discussions, soft skills training, Ladies' Dinner and a social activity. The school is primarily designed to train the SFB Q-M&S's and ct.qmat's PhD students and postdocs, but it is also open to other researchers.

Confirmed lecturers

Zhanybek Alpichshev (ISTA, Klosterneuburg)
Debanjan Chowdhury (Cornell Univ.)
Karlo Penc (Wigner Research Centre for Physics, Budapest)
Hryhoriy Polshyn (ISTA, Klosterneuburg)
Aline Ramires (TU Wien)
Uri Vool (Max-Planck-Institute for Chemical Physics of Solids, Dresden)
William Witczak-Krempa (Univ. Montreal)

Registration

We plan for a hybrid event with all lecturers on-site. There is no participation fee. We offer travel support to the SFB Q-M&S and ct.qmat members, external participants attending on-site are welcome to join the coffee breaks as well as the official school dinners.

To participate online, please use the invitation link published on the [SFB Q-M&S website](http://www.q-ms.org). To participate on-site, please [register by June 15, 2025](http://www.q-ms.org), indicating your name, career stage/title, affiliation, title of intended poster presentation (if any) as well as the day(s) you wish to attend.

PRELIMINARY PROGRAM

SFB Q-M&S Summer School 2025
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	9:00-10:00	10:00-11:00		11:30-12:30		14:00-15:00	15:00-16:00		16:30-18:00	18:00-20:00
Mon, Sep 15	Arrival 07:13-12:22 Train Vienna-Würzburg (direct) 08:10-12:28 Train Dresden-Würzburg (1x change in Fulda) 06:45-12:21 Train Konstanz-Würzburg (2x change in Singen and Stuttgart)				Opening lunch	Lecture	Lecture	Coffee	Posters	Ladies' Dinner
Tue, Sep 16	Lecture	Lecture	Group photo and Coffee	Lecture	Lunch	Lecture	Lecture	Coffee	Soft skills training	
Wed, Sep 17	Lecture	Lecture	Coffee	Lecture	Lunch	Lecture	15:00-17:30 - Social activity 17:30-18:00 - SFB Q-M&S EB Meeting (members only)		School dinner	
Thu, Sep 18	Student talks for students	Lecture	Coffee	Lecture	Lunch	Lecture	Lecture	Coffee	Posters	
Fri, Sep 19	Student talks for students	Lecture	Coffee	Lecture	Lunch	Lecture	Lecture	Closing coffee	Departure 17:33-23:05 Train Würzburg-Vienna (direct) 17:27-21:40 Train Würzburg-Dresden (1x change) 17:37-23:05 Train Würzburg-Konstanz (2x change)	