

The overall plan for the schedule of the school is as follows:

| Time | Sun. | Monday Topology and Superconductivity | Tuesday Topology and correlations in Kagomes | Wednesday Topology with strongly correlated electrons and spins | Thursday Correlated topology from Moiré potentials | Friday More Moiré |
|-------------|---------------|---|---|--|--|--------------------------|
| 8:00 | | Breakfast | | | | |
| 9:00-10:00 | | Strunk | Ye | Bühler-Paschen | Efetov I | Fischer + De Juan III |
| 10:00-10:30 | | Discussion | Discussion | Discussion | Discussion | Discussion |
| 10:30-11:00 | | Coffee | | | | |
| 11:00-12:00 | | Fischer I | Valenti | Knolle | Efetov II | Rubio Verdu |
| 12:00-12:30 | | Discussion | Discussion | Discussion | Discussion | Discussion |
| 12:30 | | Lunch | | | | |
| 14:00-15:00 | Arrival | De Juan I | Fischer II | Knolle II | Excursion | Departure |
| 15:00-15:30 | | Discussion | Discussion | Discussion | | |
| 15:30-16:00 | | Coffee | | | | |
| 16:00-17:30 | | Poster I, incl. short talks | De Juan II | Kurumaji | | |
| 17:30-18:00 | | | Discussion | Discussion | | |
| 18:30 | | Dinner | | | | |
| 20:00 | Kick-off talk | | | | | |

Lecturers and [Lecture titles](#)

Christoph Strunk (Regensburg)

Monday 9 am: [Mesoscopic Superconductivity: from BCS-theory to Josephson diodes](#)

Mark Fischer (Zurich)

Monday 11 am: [Basics of Unconventional Superconductivity](#)

Tuesday 2 pm: [Exotic Superconductivity in Kagome Metals](#)

Friday 9 am: [Bonus lecture](#)

Fernando de Juan (San Sebastian)

Monday 2 pm: [Correlations and topological superconductivity in transition metal dichalcogenides](#)

Tuesday 4 pm: [Topological band structure theory: introduction and some current examples](#)

Friday 9 am: [Bonus lecture](#)

Linda Ye (Pasadena)

Tuesday 9 am: [Lattice-driven flat bands in quantum materials](#)

Roser Valenti (Frankfurt)

Tuesday 11 am: Topological phases in Kagome-based materials: from itinerant to localized electronic systems.

Silke Buehler-Paschen (Vienna)

Wednesday 9 am: Non-Fermi liquid topological semimetals

Johannes Knolle (Munich)

Wednesday 11 am: Introduction to Classical and Quantum Spin Liquids

Takashi Kurumaji (Pasedena)

Wednesday 2 pm: Introduction to topological spin systems

Dima Efetov (Munich)

Thursday (Dima day) 9 am and 11 am: Correlated topology from moiré potentials

Carmen Rubio Verdú (Castelldefels)

Friday 11 am: Studying 2D materials with the scanning tunneling microscope