



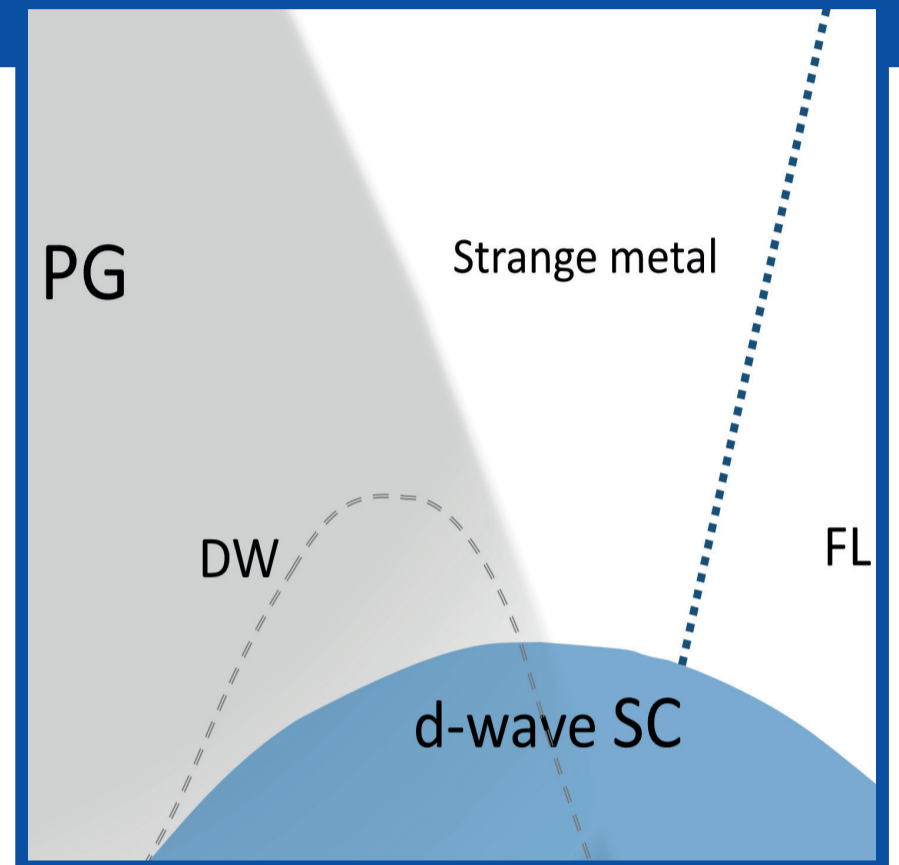
# Korrelationstage 2023

## International Workshop 11 - 15 September 2023

The Korrelationstage have a long standing tradition in bringing together researchers working in the field of strongly correlated (electronic) systems and related areas. The main focus of this event is to capture the new developments in this active field, with a particular emphasis on the new realizations of the correlated quantum matter including but not limited to heterostructures of 2d materials as well as analytical and numerical methods development, which happened over the past years. The format of the meeting will contain overview presentations, as well as research talks and poster sessions. We expect the research talks to be presented mostly by junior (non-tenured) scientists, but the poster presentations are solicited from everybody. Research talks will be selected from the submitted contributions.

### Topics

- Tailored, e.g. Moire, and 2d materials
- Unconventional superconductivity
- Topological phenomena and correlations
- Numerical methods
- Novel magnetic phenomena
- Hydrodynamic electronic transport
- Fractionalization and criticality
- Non-Hermitian effects



### Invited keynote speakers

Dmitry Bagrets (DE)  
Mitali Banerjee (CH)  
Annabelle Bohrdt (DE & US)  
Natalia Chepiga (NL)  
Eliška Greplová (NL)  
Johannes Knolle (DE)  
Elio J. König (DE)  
Tobias Meng (DE)  
Lucile Savary (FR)  
Mathias Scheurer (AT)  
Frank Schindler (US & UK)  
Jonah Weissman (IL)

### Scientific coordinators

Ilya Eremin  
Bochum, Germany  
Lars Fritz  
Utrecht, The Netherlands  
Maia Vergniory  
Dresden, Germany

### Organisation

Katrin Lantsch  
MPIPKS Dresden

Applications received before 15 June 2023 are considered preferentially.

**We plan an on-site workshop. Talks and posters will only be presented on-site.**

Applications are welcome and should be made by using the application form on the website of the event. The number of attendees is limited. The **registration fee** for the international workshop is 200 Euro and should be paid by all on-site participants. Costs for **accommodation and meals** will be covered by the Max Planck Institute for all on-site participants. Limited funding is available to partially cover **travel expenses**.

**For further information please contact:**

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