

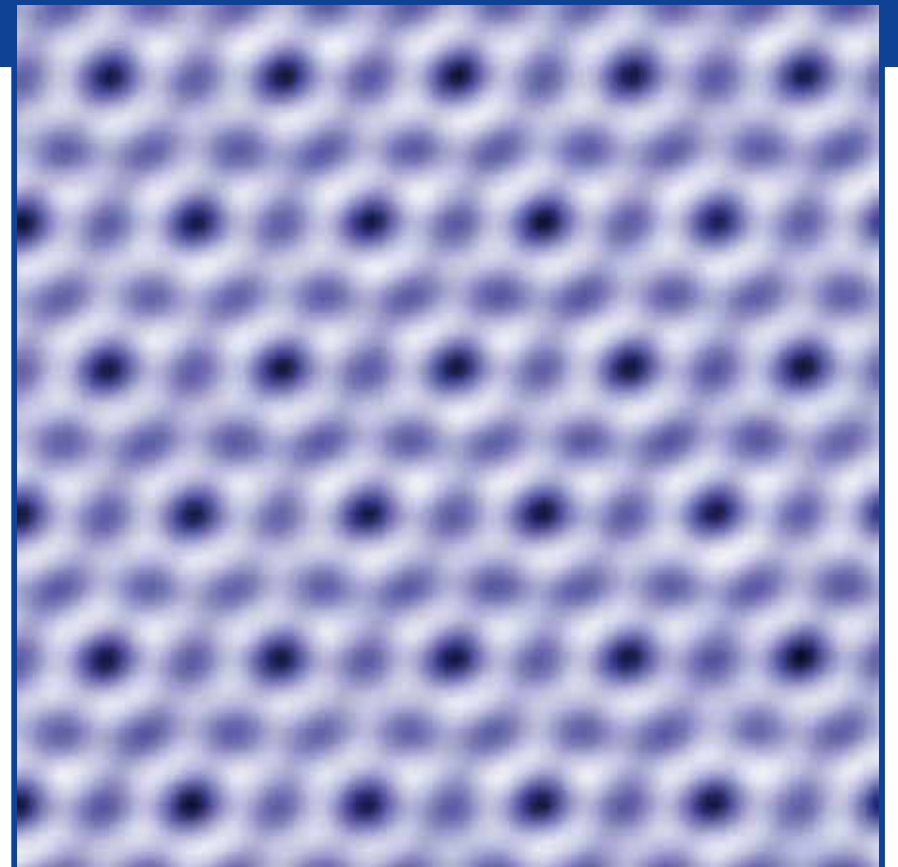


Topological Materials: From Weak to Strong Correlations

International Focus Workshop 11 - 13 April 2022

The Focus Workshop "Topological Materials: From Weak to Strong Correlations" (TopCor) will bring together the weakly-correlated and strongly-correlated electron communities interested in topology. It will highlight the extensive recent developments in each of the two areas, and foster interactions between the two communities.

We plan for a primarily in-person workshop.



Topics:

Weakly correlated topology

- Latest developments in topological band theory
- Topological insulators and semimetals: properties and materials

Strongly correlated topology

- Strongly correlated topological matter: insulators
- Strongly correlated topological matter: semimetals

Topology across the correlation spectrum

- Topological superconductors
- Late developments

Invited speakers:

Yoichi Ando (DE)
Annica Black-Schaffer (SE)
Jennifer Cano (US)
Joseph Checkelsky (US)
Amalia I. Coldea (UK)
Claudia Felser (DE)
Mark H. Fischer (CH)
Andrew Higginbotham (AT)
Taylor Hughes (US)
Hae-Young Kee (CA)
Karyn Le Hur (FR)
Laurens Molenkamp (DE)
Satoru Nakatsuji (JP)
Hoi-Chun Po (HK)
James A. Sauls (US)
Leslie Schoop (US)
Chandan Setty (US)

Hidenori Takagi (DE)
Grigory E. Volovik* (FI)
Steffen Wirth (DE)
Diego A. Zocco (AT)

* to be confirmed

Scientific coordinators:

Silke Bühler-Paschen
(Vienna, Austria)

Titus Neupert
(Zurich, Switzerland)

Qimiao Si
(Houston, USA)

Organisation:

Mandy Lochar
MPIPKS Dresden

Applications received before 28th February 2022 are considered preferentially.

Applications are welcome and should be made by using the application form on the event's web page. The number of attendees is limited.

The registration fee for the international workshop is 140 Euro and should be paid by all on-site participants. Costs for accommodation and meals for on-site participants will be covered by the Max Planck Institute.

Limited funding is available to partially cover travel expenses.

No fee for remote participation.

For further information please contact:

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