MAX PLANCK GESELLSCHAFT

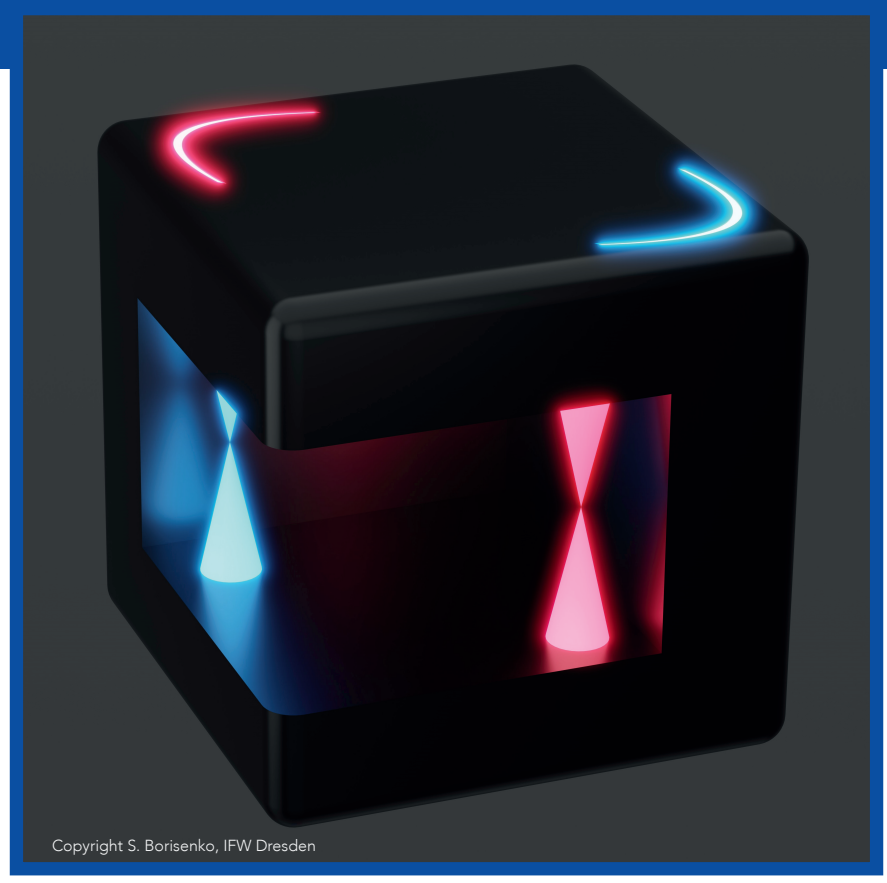
mpipks

Strong correlations and angle-resolved photoemission

Max Planck Institute for the Physics of Complex Systems

International Workshop
02 - 06 June 2025

CORPES was conceived originally in the Einstein year 2005 as a forum for scientists, working in the broad areas of many-body electronic structure theory and ARPES. At the time, high-Tc cuprates and heavy Fermions were the hottest topics. Since then, new developments have emerged in the field of quantum materials such as topological, two-dimensional, or non-equilibrium systems. The workshop also deals with new developments in theoretical and experimental methods.



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Topics

- Self-energy and spectral function in correlated systems
- Topological systems
- Two-dimensional and layered systems
- Non-equilibrium dynamics
- Optical control of quantum systems
- New theoretical methods
- New experimental methods
- Related methods (RIXS, EELS, STS etc.)

Invited speakers

F. Baumberger (CH)
S. Biermann (FR)
A. Cavalleri (DE)
A. Damascelli (CA)
D. Dessau (US)
I. Gierz (DE)
F. Giustino (US)
P. Hirschfeld (US)
A. Kaminski (US)
T. Kondo (JP)
B. Michon (FR)
C. Pepin (FR)
M. Potthoff (DE)
F. Reinert (DE)
A. Rubio (DE)
C.M. Schneider (DE)
Z.-X. Shen (US)
M. le Tacon (DE)
T. Tohyama (JP)
P. Werner (CH)
X.J. Zhou (CN)

Scientific coordinators

Jörg Fink,
Dresden, Germany

Stefan Kaiser
Dresden, Germany

Konrad Matho
Grenoble, France

Organisation

Visitors Program
MPIPKS Dresden

Applications received before 15th February 2025 are considered preferentially.

Applications are welcome and should be made by using the application form on the event's web page. Applicants are expected to submit an abstract of their personal **contribution** (oral or poster). The number of attendees is limited.
The **registration fee** for the international workshop is 200 Euro and should be paid by all participants.
Costs for **accommodation and meals** will be covered by the Max Planck Institute.
Limited funding is available to partially cover **travel expenses**.

For further information please contact
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Supported by

IFW Leibniz Institute for Solid State and Materials Research Dresden

We also offer individual fellowships (phd, postdoc, sabbatical). Applications are accepted continuously. For details, please check www.pks.mpg.de/visitors