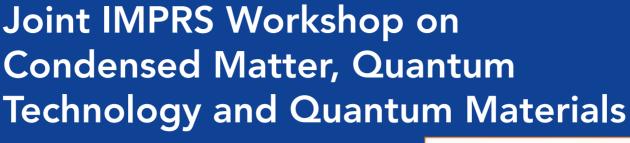


# Joint IMPRS Workshop on Condensed Matter, Quantum



### Workshop 3 - 7 April 2017

The workshop is a joint initiative of four International Max Planck Research Schools (IMPRS): the IMPRS for Condensed Matter Science (Stuttgart), the IMPRS for Chemistry and Physics of Quantum Materials (Dresden), the IMPRS for Quantum Science and Technology (Garching) and the IMPRS for Many-particle Systems in Structured Environments (Dresden).

The main aim of the workshop is to bring together PhD students of the four research schools. In addition to talks covering various research topics within the theme of the workshop, ample time will be provided for direct interaction between all participants, creating a stimulating environment for discussions.

The program comprises invited talks, as well as several presentations by PhD students and a poster session.

## **Invited speakers:**

Eva Benckiser Immanuel Bloch Manuel Brando Ignacio Cirac Bernhard Keimer Michael Knap Andrew Mackenzie Roderich Moessner Philip Moll Takashi Oka Thomas Pohl Friedemann Reinhard Andreas Rost Suchitra Sebastian

### Scientific coordinators:

mpipks

Sonya Gzyl MPQ, Garching

PARTICLE SYSTEMS IN STRUCTURED ENVIRONMENTS

Anatole Kenfack MPI-PKS, Dresden

Markus König MPI-CPfS, Dresden

Hans-Georg Libuda MPI-FKF, Stuttgart

### **Organisation:**

Claudia Domaschke Amy Wright MPI-PKS, Dresden

#### **Topics**

- novel quantum materials
- correlated electrons
- cold atoms
- quantum information and quantum computation
- many-body physics
- Floquet systems
- quantum criticality
- topological insulators and superconductors
- quantum sensing
- collective phenomena and interfaces



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 seminar and workshop is 120 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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Applications received before 17 February 2017 will be considered preferentially.

