MAX-PLANCK-GESELLSCHAFT

New States of Matter and Their Excitations

Max Planck Institute for the Physics of Complex Systems

International Focus Workshop
29 September - 2 October 2014

The workshop is the second meeting of the Helmholtz Virtual Institute "New States of Matter and Their Excitations", focusing on the rich collective behavior of condensed matter systems. The meeting will consist of two days of a regular workshop, sandwiched in between two days of graduate level tutorials.

HELMHOLTZ | ASSOCIATION

Virtual Institute: New States of Matter and their Excitations
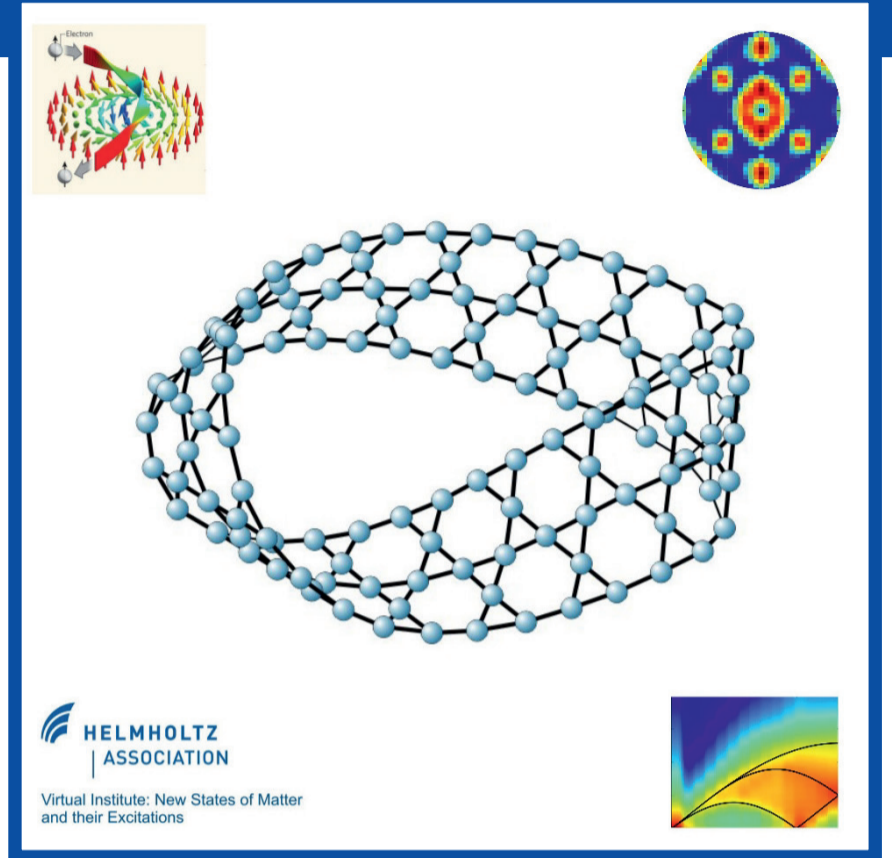
Topics include

- Topological insulators
- Topological superconductors
- Many-body localization
- Disorder and strong correlations
- Iridates and spin-liquids
- Majorana Fermions
- Correlated and frustrated magnetism
- Kondo spin glasses
- Neutron scattering
- Systems out of equilibrium
- Spin ice

Invited speakers
(* to be confirmed)

P. Brouwer (Germany)
C. Castelnovo (UK)
J. Chalker (UK)
F. Essler (UK)
B. Lake (Germany)
S. Manmana (Germany)
R. Moessner (Germany)
M. Morgenstern (Germany)
J. Mydosh (Netherlands)
C. Pfleiderer (Germany)
O. Rader (Germany)
G. Refael* (USA)
A. Romito (Germany)
K. Schmidt (Germany)
S. Sondhi* (USA)
D. Tennant (USA)
G. Uhrig (Germany)
M. Vojta (Germany)

Scientific coordinators

Jens H Bardarson
Dresden, Germany

Frank Pollmann
Dresden, Germany

Organisation

Esther-Sharon Bartsch
MPIPKS

Applications received before June 22, 2014 are considered preferentially.

Applications are welcome and should be made by using the application form on the conference web page (please see URL below). The registration fee for the international workshop is 120 Euro and should be paid by all participants. Costs for accommodation and meals will be covered. The number of attendees is limited. Please note that childcare is available upon request.

For further information please contact:
Visitors Program – Esther-Sharon Bartsch
MPI for the Physics of Complex Systems
Nöthnitzer Str. 38, D-01187 Dresden
Tel: +49-351-871-1934
Fax: +49-351-871-2199
hvinsm14@pks.mpg.de
www.pks.mpg.de/~hvinsm14/

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