



MAX-PLANCK-INSTITUT FÜR PHYSIK KOMPLEXER SYSTEME DRESDEN
GERMANY



Joint IMPRS Workshop on
**Quantum Dynamics and
Photon-Matter-Interaction**

13 - 17 May 2013

Scientific coordination

Michael Genkin
MPI for the Physics of Complex
Systems, Dresden, Germany

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Organisation
Claudia Pönisch

The workshop is a joint initiative of four International Max Planck Research Schools (IMPRS):

- IMPRS for Ultrafast Imaging and Structural Dynamics (Hamburg),
- IMPRS for Quantum Dynamics in Physics, Chemistry and Biology (Heidelberg),
- IMPRS for Advanced Photon Science (Garching),
- IMPRS for Dynamical Processes in Atoms, Molecules and Solids (Dresden).



Its main aim is to bring together the PhD students of the four research schools. The scientific focus is on quantum dynamics and photon-matter-interaction. The topics include (but are not limited to) ultrafast imaging, attosecond science, interaction of photons with microscopic systems as well as relativistic and non-relativistic quantum dynamics in atomic and molecular systems. The program comprises invited talks, presentations by PhD students, and a poster session.

List of invited speakers

Henry Chapman (DESY Hamburg)
Martin Eckstein (CFEL Hamburg)
Thomas Elsässer (MBI/HU Berlin)
Alexander Eisfeld (MPIPKS Dresden)
Petra Imhof (U Heidelberg/FU Berlin)
Selim Jochim (U Heidelberg)
Pavel Jungwirth (CAS Prague)

Matthias Kling (MPQ Garching)
Mathias Nest (TU München)
Jan-Michael Rost (MPIPKS Dresden)
Armin Scrinzi (LMU München)
Andrey Surzhykov (U Heidelberg)
Thorsten Uphues (U Hamburg)

Applications for participation are welcome and should be made by using the application form on the event's webpage (please see URL below). The number of attendees is limited. The registration fee for the event is 120 € and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute for the Physics of Complex Systems. Limited funding is available to partially cover travel expenses. Please note that childcare is available upon request.

Deadline for registration is March 28

For further information please contact:

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