

International Workshop on

Cooperative Quantum Dynamics and Its Control (CQDC'12)

29 – 31 October 2012 | Rotunda | Jülich Supercomputing Centre | Jülich | Germany



Topics

- Open quantum systems
- Quantum computer hardware/qubits
- Optical lattices
- Numerical methods
- ...

Invited speakers

- Mohammad Amin (D-Wave Systems Inc.)
- Bernard Barbara (Institut Néel, CNRS, Grenoble)
- Irinel Chiorescu (Florida State University)
- Philippe Corboz (ETH Zürich)
- Jochen Gemmer (University of Osnabrück)
- Peter Hänggi (University of Augsburg)
- Kenji Harada (Kyoto University)
- Naomichi Hatano (The University of Tokyo)
- Norio Kawakami (Kyoto University)
- Alejandro Muramatsu (University of Stuttgart)
- Mio Murao (The University of Tokyo)
- Hidetoshi Nishimori (Tokyo Institute of Technology)
- Mark Novotny (Mississippi State University)
- Kenji Ohmori (Institute for Molecular Science, Okazaki)
- Peter Reimann (Bielefeld University)
- Seigo Tarucha (The University of Tokyo)
- Synge Todo (The University of Tokyo)
- Simon Trebst (University of Cologne)
- Chikako Uchiyama (University of Yamanashi)
- Stefan Wessel (Aachen University)

Organizers

- Kristel Michielsen (chair),
Jülich Supercomputing Centre, Germany
- Hans De Raedt, University of Groningen,
The Netherlands
- Naoki Kawashima, The University of Tokyo, Japan
- Seiji Miyashita, The University of Tokyo, Japan
- Thomas Neuhaus, Jülich Supercomputing
Centre, Germany

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Support

Jülich Supercomputing Centre and Japan Society for the Promotion of Science

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