



329th Wilhelm and Else Heraeus Seminar: Manipulation of Few-Body Quantum Dynamics

23-26 June 2004, Physikzentrum Bad Honnef, Germany

<http://www.pt.tu-clausthal.de/heraeus/index.htm>

The fascinating physics of reactive collisions and fragmentation, and particularly the investigation of control mechanisms of such quantum dynamical processes will be in the focus of the 329th Wilhelm and Else Heraeus Seminar “**Manipulation of Few-Body Quantum Dynamics**”.

Hot topics will include:

- Coherent control
- Controlled reactions and fragmentation
- Charge transfer
- Laser-assisted collisions
- Laser manipulation
- Reactive scattering
- Atoms and molecules in strong fields
- Cluster dynamics



Speakers:

Zohar Amitay (IL), Dieter Bauer (D), Thomas Baumert (D), Tobias Brixner (D/USA), Piero Casavecchia (I), Lew Cocke (USA), Brett Depaola (USA), Alexander Dorn (D), Markus Drescher (D), Fleming Crim (USA), Ekaterina Eremina (D), Bernold Feuerstein (D), Hanspeter Helm (D), Ronnie Hoekstra (NL), Till Jahnke (D), Tom Kirchner (D), Manfred Lein (D), Jan-Michael Rost (D), Alejandro Saenz (D), Stephan Schlemmer (NL), Stefan Schmatz (D), Henrik Stapelfeldt (DK), Frank Stienkemeier (D), Walter Strunz (D), Richard Taieb (FR), Uwe Thumm (USA), Roland Wester (D), Wim van der Zande (NL), Bernd von Issendorf (D), Andreas Wolf (D), Daniel Zajfman (IL)

It is the aim of the meeting to foster seminal discussions and collaborations between experimentalists and theorists working in this rapidly developing field. Young researchers (PhD-students and postdocs) are encouraged to present their works during poster sessions. We are looking forward to vivid discussions and exchanges of ideas in the inspiring atmosphere of the Physikzentrum in Bad Honnef, located near Bonn and Cologne on the beautiful Rhine river.

For further information please contact one of the organisers:

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