

Contact/Registration:

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The number of participants is
limited to about 60.

Deadline:

31.05.2011

Sightseeing:

Sanssouci, Potsdam
Glienecker Brücke, Potsdam
Reichstag, Berlin
Boattrip, Havel-Wannsee



Foto: Seminaris-Hotels/Hannemann

Location:

Seminaris Seehotel,
Potsdam
<http://www.seminaris.de/potsdam/>

International
Workshop,
Potsdam,
26. - 28.
September
2011

Einstein-Tower, Potsdam
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Topics:

- Correlations and coupling effects in dusty plasmas and granular media
- Dynamics, transport and chemistry in multi-species bounded plasmas
- Plasma-surface interaction

Keynote Speakers:

Jan Benedikt, Bochum (D)
Giorgio Dilecce, Bari (IT)
David B. Go, Notre Dame (USA)
Igor Kaganovich, Princeton (USA)
Hartmut Löwen, Düsseldorf (D)
Maxime Mikikian, Orleans (FR)
Deborah O'Connell, Belfast (UK)
Marlene Rosenberg, San Diego (USA)
Mohan Sankaran, Cleveland (USA)

Committee:

Jürgen Meichsner
conference chairman
Holger Fehske
scientific program
Bert Krames
conference secretary

Scope:

The workshop, organized by the Trans-regional Collaborative Research Centre SFB/TRR24 „Fundamentals of Complex Plasmas“, focuses on multi-component plasmas containing, besides electrons and positive ions, additional species like negative ions, nm to μm -sized solid particles, and reactive atoms and molecules strongly interacting with surfaces.

A complex plasma is thus an ideal system for investigating ordering phenomena and the phase transitions associated with it as well as multi-component transport processes involving simultaneously various subsystems. In addition it is well suited for generating radicals, molecules, nano-clusters, and thin functional surface layers where in particular the latter are of great technological interest.

The goal of the workshop is to bring together researchers from all over the world having complementary expertise from plasma, solid state, and chemical physics as well as material science and to provide a stimulating atmosphere for discussing these interdisciplinary topics.

Supported by: