

Scientific and Organization Committee

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Details

The conference NECD15 is organized by the Research Training Group GRK 1558, which studies nonequilibrium collective dynamics in hard and soft condensed matter and in biological systems. Our research concentrates on (i) nonlinear transport and quantum optics in semi-conductors, (ii) collective dynamics in dispersions of colloidal particles and molecular machines, and (iii) on self-organization and nonlinear waves in active media.

Research Training Group GRK 1558
Nonequilibrium Collective Dynamics in Condensed Matter and Biological Systems
Technische Universität Berlin
Institut für Theoretische Physik
Hardenbergstraße 36
10623 Berlin
Germany
www.tu-berlin.de/grk1558

The conference is kindly supported by:
Deutsche Forschungsgemeinschaft (DFG)
Technische Universität Berlin
GRK 1558

Venue

Venue of the NECD15 conference is the hotel "Seminaris Seehotel" in Potsdam, Germany. Potsdam is located about 30km southwest of the center of Berlin. It can easily be reached by public transport from both airports (TXL and SXF) of Berlin. Further information is available on the conference homepage.

Address

Seminaris Seehotel
An der Pirschheide 40
14471 Potsdam
Germany
Phone: +49 (0)331 9090-0
<http://www.seminaris.de/potsdam>

International Conference NECD15
**Nonequilibrium Collective Dynamics:
Bridging the Gap between Hard and
Soft Materials**

October 5–8, 2015
Potsdam, Germany

An Event of the Research Training Group GRK1558



Scope

Collective dynamics under nonequilibrium conditions is ubiquitous in natural processes and technology. It greatly influences all fields of science, ranging from physics, chemistry and biology to engineering. Different approaches to study nonequilibrium collective dynamics have been developed in different disciplines, in particular in hard and soft condensed matter and biological physics.

The conference NECD15 aims at bringing together specialists in these fields and to stimulate an intensive exchange of methods and ideas among them.

Confirmed Speakers

Eberhard Bodenschatz (Göttingen)
Michael Brenner (Harvard)
Hugues Chate (Saclay)
Hans-Günther Döbereiner (Bremen)
Suzanne Fielding (Durham)
Seth Fraden (Brandeis)
Ray Goldstein (Cambridge)
Ramin Golestanian (Oxford)
Stefan Grill (Dresden)
Claus Heussinger (Göttingen)
Jürgen Horbach (Düsseldorf)
Raymond Kapral (Toronto)
Jonathan Keeling (St. Andrews)
Karsten Kruse (Saarbrücken)
Herbert Levine (Houston)
Alexander Mikhailov (Berlin)
Henri Orland (Saclay)
Jeremie Palacci (New York)
Philippe Peyla (Grenoble)
Wilson Poon (Edinburgh)
Masaki Sano (Tokyo)
Petra Schwille (Martinsried)
Pascal Silberzan (Paris)
Thomas Speck (Mainz)
Martijn Wubs (Kopenhagen)

General Information

Program

The conference starts on Monday, October 5, 2015 at 9am and ends on Thursday, October 8, late afternoon.

The conference dinner is on Wednesday evening on a boat on the river Havel.

Registration and Abstract Submission

Please register and submit an abstract via the conference homepage www.itp.tu-berlin.de/necd15.

Contributions are presented during a poster session, some of them will be selected as contributed talks.

Conference fees

Regular participants: 400 EUR

Students: 300 EUR

The conference fee covers the scientific program, lunch, dinner, coffee breaks, and the conference dinner.

Deadlines

Abstract submission: June 30, 2015

Notification of acceptance: July 15, 2015

Registration: July 30, 2015

Payment of conference fee: August 21, 2015

The number of participants is limited.

Contact

necd15@itp.tu-berlin.de

www.itp.tu-berlin.de/necd15