

Scientific and Organization Committee

Holger Stark (chairman)
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Details

The conference NECD18 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) dynamic structure formation in complex fluid systems, and (iii) on active media and cell motility.

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 NECD18 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 NECD18 Nonequilibrium Collective Dynamics: Bridging the Gap between Hard and Soft Materials

October 8–11, 2018
Potsdam, Germany

An Event of the Research Training Group GRK 1558

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 NECD18 aims at bringing together specialists in these fields and to stimulate an intensive exchange of methods and ideas among them.

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Confirmed Speakers

Igor Aronson (Penn State)
Andreas Bausch (München)
Avraham Be'er (Ben-Gurion Univ.)
Jaume Casademunt (Barcelona)
Stefan Egelhaaf (Düsseldorf)
Ingo Fischer (Palma de Mallorca)
Christian Flindt (Helsinki)
Erwin Frey (München)
Gerhard Gompper (Jülich)
Jens Harting (Erlangen-Nürnberg)
Jean-François Joanny (Paris)
Frank Jülicher (Dresden)
Raymond Kapral (Toronto)
Alain Karma (Boston)
István Z. Kiss (Saint Louis)
Bernd Krauskopf (Auckland)
Klaus Kroy (Leipzig)
Ahsan Nazir (Manchester)
Alain Pumir (Lyon)
Wouter-Jan Rappel (San Diego)
Jörg Rottler (Vancouver)
Christoph Schmidt (Göttingen)
Michael Schmiedeberg (Erlangen-Nürnberg)
Udo Seifert (Stuttgart)
Janine Splettstößer (Göteborg)
Pietro Tierno (Barcelona)
Arjun Yodh (Philadelphia)

General Information

Program

The conference starts on Monday, October 8, 2018 at 9am and ends on Thursday, October 11, 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/necd18.

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

Conference fees

Regular participants: 450 EUR

Students: 330 EUR

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

Deadlines

Abstract submission: June 30, 2018

Notification of acceptance: July 16, 2018

Registration: July 30, 2018

Payment of conference fee: August 24, 2018

The number of participants is limited.

Contact

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www.itp.tu-berlin.de/necd18