



International Conference on Control of Self-Organizing Nonlinear Systems

Warnemünde, Rostock, Germany, September 09 - 13, 2018

The aim of the conference is to address fundamental developments in theoretical methods of control of complex systems and state-of-the-art applications in various scientific disciplines. In particular, it is intended to focus on nonlinear dynamical systems with time delay, noise effects, synchronization patterns and chimera states, and applications to control of quantum systems and lasers, soft and active matter, cardiac dynamics and neuroscience.



Invited Speakers

Victor Bastidas (Atsugi)
Frank Cichos (Leipzig)
Stephen Coombes (Nottingham)
Christoph Dellago (Vienna)
Eduard Feireisl (Prague)
Flavio Fenton (Atlanta)
Ulrike Feudel (Oldenburg)
Yannis Kevrekidis (Princeton)
Christiane Koch (Kassel)
Christian Kuehn (TU Muenchen)
Yulia Kyrychko (Sussex)
Bernt Oksendal (Oslo)
Ulrich Parlitz (Göttingen)
Astero Provata (Athens)
Peter Rabl (Vienna)
Hektor Ramirez (Besancon)
Rajarshi Roy (Maryland)
Ken Showalter (West Virginia)
Christian Wagner (Saarbruecken)
Aran van der Schaft (Groningen)
Guy Van der Sande (Brussel)

Organizers

Sabine Klapp (TU Berlin), Conference Chair
Andreas Knorr (TU Berlin), Conference Co-Chair
Roland Aust (TU Berlin), Conference Secretary
Yulia Jagodzinski (TU Berlin), Treasurer

Venue

Conference Center Hohe Düne
Am Yachthafen 1,
18119 Rostock-Warnemünde

Contact

In case of any questions, please contact:
conference.sfb910@itp.tu-berlin.de

<http://www.itp.tu-berlin.de/sfb910/conference2018>

Collaborative Research Center 910
"Control of self-organizing nonlinear
systems: Theoretical methods and concepts
of application", Berlin, Germany

Program Committee

Markus Bär (PTB Berlin)
Alexander Carmele (TU Berlin)
Sabine Klapp (TU Berlin)
Andreas Knorr (TU Berlin)
Kathy Lüdge (TU Berlin)
Volker Mehrmann (TU Berlin)
Felix von Oppen (FU Berlin)
Isabelle Schneider (FU Berlin)
Eckehard Schöll (TU Berlin)
Wilhelm Stannat (TU Berlin)
Holger Stark (TU Berlin)
Anna Zakharova (TU Berlin)

Schedule & Registration

Abstract submission: July 10, 2018
Notification of acceptance: July 31, 2018
Registration deadline: August 12, 2018

The number of attendees is limited.