

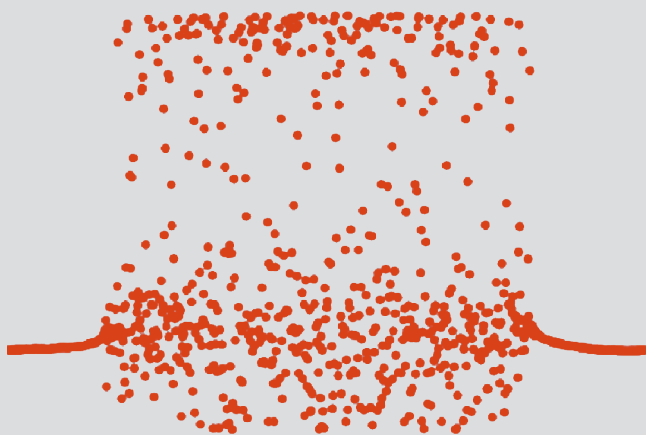


Controlling complex systems and networks: interplay of structure, dynamics and delay

Symposium in honor of the 65th birthday of
Prof. Dr. Eckehard Schöll, PhD

Friday, 12th February 2016, at 1:30 pm
Lecture Hall EW 201
Hardenbergstr. 36, 10623 Berlin





Music: La rivière de la vie

Antonia Demmler (soprano)
Jakub Sawicki (piano)

- 13:30 **Welcome addresses:**
Prof. Dr. Christian Thomsen, President of TU Berlin
Prof. Dr. Gerhard Ertl, Nobel laureate in chemistry
Prof. Dr. Sabine Klapp, Co-chair SFB 910 and Managing Director of the Institute of Theoretical Physics
- 14:15 **Delay-coupled lasers: from fundamental physics to ultra-fast information processing**
Prof. Dr. Ingo Fischer
IFISC, Universitat de les Illes Balears, Palma de Mallorca, Spain
- 14:50 **How certain can one be that an attractor is chaotic: universality (?) in the scaling of chaos versus periodicity**
Prof. Dr. Edward Ott
University of Maryland, USA
- 15:25 Coffee break
- 16:00 **Phase-lag synchronization in networks of coupled chemical oscillators**
Prof. Dr. Kenneth Showalter
West Virginia University, Morgantown, USA
- 16:35 **A journey with Prof. Schöll: From delay oscillators to delay networks**
Prof. Dr. Daniel J. Gauthier
Duke University, Durham, USA / Ohio State University, Columbus, USA
- 17:10 **Modulating quantum-dot lasers: Where nonlinear dynamics meets microscopy**
Prof. Dr. Kathy Lüdge
Freie Universität Berlin

Afterwards Prof. Schöll invites all participants to a reception at the 1st floor of the EW-building.

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