



Dear Madam, dear Sir,

the DPG divisions DY (“Dynamics and Statistical Physics”) and SOE (“Physics of Socio-Economic Systems”), the Berlin Center for the Study of Complex Complex Chemical Systems – BCSCCS e. V., and the SFB910 cordially invite you to join our session in honor of Eckehard Schöll’s 70th birthday on **Friday, October 1, 2021, 13:00**.

The event will take place as a hybrid event at TU Berlin (H 3005) and via Zoom:
<https://tu-berlin.zoom.us/j/66757729287?pwd=NXY4Z3dtN0psU0cvazNOOUtMds9QZz09>

Meeting-ID: 667 5772 9287
Kenncode: 019910

Synchronization patterns in complex dynamical networks

13:00 Music

Welcome addresses

Markus Bär (DPG, Division DY, BCSCCS)

Sabine Klapp (SFB 910)

Jens Christian Claussen (DPG, Division SOE)

Christian Thomsen (President of TU Berlin)

Music

13.30 **Jürgen Kurths** (Potsdam, Germany)

Network-induced multistability through lossy coupling

14:00 **Simona Olmi** (Firenze, Italy)

Control of synchronization in two-layer power grids

14:30 Break

15.00 **Galina Strelkova** (Saratov, Russia)

Relay and complete synchronization of chimeras and solitary states in heterogeneous networks of chaotic maps

15.30 **Ralph Andrzejak** (Pompeu Fabra, Spain)

A bridge between the fractal geometry of the Mandelbrot set and partially synchronized dynamics of chimera states

16.00 Concluding remarks (**Eckehard Schöll**)

Music (*Strom des Lebens*)

With kind regards,

Markus Bär, Jens Christian Claussen, Sabine Klapp, Jakub Sawicki