



Ninth Workshop on Random Dynamical Systems

14–17 June 2017

Department of Mathematics
University of Bielefeld
Room V2–210/216



This workshop is part of the conference programme of the DFG-funded CRC 701
Spectral Structures and Topological Methods in Mathematics
at the Faculty of Mathematics, University of Bielefeld

Organizers: Wolf-Jürgen Beyn and Barbara Gentz (Bielefeld)

<http://www.math.uni-bielefeld.de/~gentz/pages/SS17/RDS17/RDS17.html>

Programme

Wednesday, 14 June 2017

- 09:45–10:20 *Registration and coffee in V3–201*
- 10:20–10:30 **Friedrich Götze** (Speaker of the CRC 701)
Opening of the workshop
- 10:30–11:30 **Michael Scheutzow** (TU Berlin)
Minimal random attractors
- 11:30–12:30 **Zdzisław Brzeźniak** (University of York)
Stochastic Landau–Lifshitz–Bloch equation
- 12:30–14:00 *Lunch*
- 14:00–15:00 **Konstantinos Spiliopoulos** (Boston University)
Hypoelliptic multiscale Langevin diffusions: large deviations, invariant measures and small mass asymptotics
- 15:00–15:30 **Christian Wiesel** (Universität Bielefeld)
Noise-induced synchronization in a ring of weakly coupled oscillators
- 15:30–16:00 *Coffee in V3–201*
- 16:00–16:30 **Maximilian Engel** (Imperial College London)
Quasi-stationary dynamics and bifurcations of random dynamical systems
- 16:30–17:00 **Christian Bayer** (WIAS Berlin)
Numerics for rough volatility models
- 17:00–18:00 **Ľubomír Baňas** (Universität Bielefeld)
Numerical approximation of the stochastic Cahn–Hilliard equation near the sharp interface limit

All talks will take place in V2–210/216.