

# BMS Intensive Course on Evolution Equations and their Applications

Technische Universität Berlin  
November 27 - 29, 2013

## Scope

This BMS Intensive Course on evolution equations and their applications provides a forum for PhD students, postdoctoral researchers and young faculty members to present and discuss their research in an informal atmosphere. It gives the opportunity to connect to other mathematicians working on similar topics and establish contacts for future collaborations.

The course focuses on

- Multiscale problems,
- Thin-film and lubrication equations,
- Reaction-diffusion systems,
- Variational methods and numerics of PDEs,
- Gradient flows and optimal transport,
- Stochastic processes and PDEs.



## Program

Participants are invited to apply for contributed talks. The deadline for abstract submission is September 1, 2013.

Additionally, invited talks and three keynote lectures are scheduled, the latter will be given by

- Dorothee Knees (WIAS Berlin)
- Andreas Münch (University of Oxford)
- Martin Burger (University of Münster)



## Registration and Financial Support

Participants can register online for the course at

[www.math.tu-berlin.de/?BMS\\_PDE](http://www.math.tu-berlin.de/?BMS_PDE)

Very limited support for travel expenses may also be available upon request. Details can be found on the website.