Patterns of Dynamics
Conference in Honor of Bernold Fiedler
Free University of Berlin, July 25-29, 2016

First Announcement

The conference will showcase recent advances of dynamical systems theory and their inter-play with a wide range of applications in the sciences and engineering. The underlying mathematical theories can help extract structures from experimental observations (real-world dynamics) and, conversely, shed light on the formation, dynamics, and control of spatio-temporal patterns in applications. The meeting will bring together speakers who engage with applications, build and develop mathematical techniques, and use mathematical approaches for prediction and control of complex systems. The conference will also honor the long-standing contributions of Bernold Fiedler to these topics. The scientific program will consist of 45-minute keynote lectures, 30-minute invited lectures, 20-minute contributed presentations, and a poster session.

Organizing Committee

Pavel Gurevich
[Free University of Berlin]

Juliette Hell
[Free University of Berlin]

Alexander Mielke
[Weierstrass Institute]

Felix Otto
[Max Planck Institute for Mathematics in the Sciences]

Björn Sandstede
[Brown University]

Arnd Scheel
[University of Minnesota]

Eckehard Schöll
[Berlin Institute of Technology]

Angela Stevens
[University of Münster]

Matthias Wolfrum
[Weierstrass Institute]

Keynote Speakers

Sigurd Angenent
[University of Wisconsin-Madison]

Klaus Ecker
[Free University of Berlin]

Willi Jäger
[Heidelberg University]

Sabine Klapp
[Berlin Institute of Technology]

John Mallet-Paret
[Brown University]

Hiroshi Matano
[University of Tokyo]

Konstantin Mischaikow
[Rutgers University]

Yasumasa Nishiura
[Tohoku University]

Arnd Scheel
[University of Minnesota]

Angela Stevens
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Sjoerd Verduyn Lunel
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Lai-Sang Young
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