Perspectives and Challenges in Mathematical Sciences
Karlsruhe  ♦  October 1, 2016

Program

Diego Corro Tapia (Karlsruhe)
Positive Ricci Curvature in Manifolds with large Torus Actions

Stephan Huckemann (Göttingen)
Generalized PCA Asymptotics for Non-Euclidean Spaces

Tsuyoshi Kato (Kyoto)
Higher degree of the covering monopole map in four manifold theory

Anna Marciniak-Czochra (Heidelberg)
Singularities and jump-discontinuities in reaction-diffusion-ODE models of pattern formation

Ryunosuke Ozawa (Sendai/MPI Bonn)
Concentration of metric measure spaces and the rough curvature-dimension condition

Hendrikje Pauer (Karlsruhe)
Approximation of Manifolds and Fiber Bragg Grating based Shape Sensing

Takashi Shioya (Sendai)
High-dimensional spaces in metric measure geometry

Takashi Suzuki (Osaka)
Breaking down of bone metabolism - an approach from the theory of dynamical systems

Venue: Seminar Room 1.067, Department of Mathematics
Karlsruhe Institute of Technology (KIT)

Local Organizing Team
Diego Corro (KIT)  Fernando Galaz-García (KIT)  Sebastian Grensing (KIT)
Jan-Bernhard Kordaß (KIT)  Ute Peters (KIT)  Wilderich Tuschmann (KIT)

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