

*Second GAMM-Workshop on  
Analysis of Partial Differential Equations*

**Program**

<b>Monday, 29 September 2014</b>	
14:00–14:05	<i>Welcome</i>
14:05–14:50	ANTON ARNOLD (TU Wien): <i>Entropy method for hypocoercive Fokker-Planck equations with linear drift</i>
14:55–15:40	JULIAN FISCHER (MPI Leipzig): <i>Optimal estimates on free boundary propagation for the thin-film equation</i>
15:45–16:15	<i>Coffee Break</i>
16:15–16:45	VERONIKA SCHLEPER (Universität Stuttgart): <i>The compressible to incompressible limit of the 1D isothermal Euler equations in a non-smooth setting</i>
16:45–17:15	DOMINIK ZIMMERMANN (Universität Stuttgart): <i>Approximation theorems for pattern forming systems with a conserved quantity</i>
17:15–17:45	NIKOLAOS ROIDOS (Universität Hannover): <i>The porous medium equation on manifolds with conical singularities</i>

<b>Tuesday, 30 September 2014</b>	
9:00–9:45	ALEXANDER MIELKE (WIAS Berlin): <i>Homogenization of parabolic gradient systems via evolutionary <math>\Gamma</math>-convergence</i>
9:50–10:35	BEN SCHWEIZER (TU Dortmund): <i>Waves in heterogeneous media: derivation of dispersive limit models</i>
10:40–11:15	<i>Coffee Break</i>
11:15–11:45	CAROLIN KREISBECK (Universität Regensburg): <i>Thin-film limits of functionals on <math>\mathcal{A}</math>-free vector fields</i>
11:45–12:15	JENS WIRTH (Universität Stuttgart): <i>Dispersive estimates for Fourier integrals and applications to hyperbolic systems</i>
12:15–13:30	<i>Lunch</i>
13:30–14:15	MARK A. PELETIER (TU Eindhoven): <i>Large deviations, gradient flows, and taking limits</i>
14:20–15:05	BOGDAN-VASILE MATIOC (Universität Hannover): <i>Qualitative properties of rotational waves</i>
15:10–16:15	<i>Coffee Break / Poster Session</i>
16:15–17:45	<i>Second meeting of the GAMM activity group “Analysis of PDEs”</i>
19:00	<i>Dinner</i>

Wednesday, 1 October 2014	
9:00–9:45	LISA BECK (Universität Augsburg): <i>Regularity and uniqueness for BV-minimizers</i>
9:50–10:35	JÜRGEN SAAL (Universität Düsseldorf): <i>Some progress on fluid dynamics in singular domains</i>
10:40–11:15	<i>Coffee Break</i>
11:15–11:45	KAROLINE DISSER (WIAS Berlin): <i>Asymptotic behaviour of a rigid body with a cavity filled by a viscous liquid</i>
11:45–12:15	JENS RADEMACHER (Universität Bremen): <i>Pattern formation in Landau-Lifshitz-Gilbert-Slonczewski equations with aligned fields</i>
12:15–13:45	<i>Lunch</i>
13:45–14:15	CHRISTIAN SEIS (Universität Bonn): <i>On long-time asymptotic expansions for slow diffusion equations</i>
14:15–15:00	JOSEF MÁLEK (Charles University Prague): <i>On elastic solids with limiting small strain: Modeling, analysis and computation</i>
15:05	<i>Closing</i>

This workshop is co-organized by:

