Minisymposium 14

Qualitative Aspekte nichtlinearer partieller Differentialgleichungen

Joachim Escher (Hannover), Christoph Walker (Hannover)

Montag, 19. September **Seminargebäude, S13**

14:00 Mark Peletier (Eindhoven)
Passing to the limit in the Wasserstein Gradient-flow formulation

14:30 Mats Ehrnström (Hannover)
Steady waters waves with multiple critical layers

15:00 Jürgen Saal (Darmstadt)
Analysis of a General Model in Electrokinetics

15:30 Simon Gvelesiani (Hannover)
Parabolic equations with dynamical boundary conditions

16:00h – 16:30h Pause

16:30 Daniela Treutler (Hannover)
On the behaviour of solutions to a parabolic evolution equation on two scales

17:00 Bogdan Matioc (Hannover)
On two-phases flows modelling thin films in porous media

17:30 Helmut Abels (Regensburg)
On a New Diffuse Interface Model for Two-Phase Flows with Different Densitites

18:00 Thomas Marquardt (Potsdam-Golm)
A Neumann Problem for Inverse Mean Curvature Flow

Dienstag, 20. September **Seminargebäude, S13**

14:00 Wolfgang Reichel (Karlsruhe)
Symmetry of solutions for quasimonotone second-order elliptic systems in ordered Banach spaces

14:30 Friederich Lippoth (Hannover)
Classical solutions for a one phase osmosis model

15:00 Anca Matioc (Hannover)
Analysis of a two-phase model describing the growth of solid tumors

15:30 Robert Denk (Konstanz)
Maximal Lp-regularity of non-local boundary value problems