

Winter School Würzburg 2012

Poster session

Thursday, January 12, 2012, 3.30 pm – 5 pm,
Mathematisch-Naturwissenschaftliches Hörsaalgebäude

You are invited to the poster session of the Winter School on Calculus of Variations in Physics and Materials Science. The following posters will be presented:

Mohamed Abaidi
UPJV, LAMFA, Amiens, France
Vesicle dynamics under shear flow

Leo Arnold
Technische Universität München
Optimal vehicle operation for hybrid cars

Olga Chugreeva
RWTH Aachen
Stochastic Ginzburg-Landau equation: background and goals

Ayman El Doussouki
UPJV, LAMFA, Amiens, France
The Föppl-von Kármán Equation

Manuel Friedrich
Technische Universität München
From atomistic to continuum theory for brittle materials: A two-dimensional model problem

Mohamed Ali Hammami
Faculty of Sciences of Sfax, University of Sfax, Tunisia
Global uniform stability of parameter dependent perturbed systems

Gor Hayrapetyan
Yerevan State University, Armenia
Constrained annealing of ssRNA secondary structure

Grzegorz Jamróz
University of Warsaw, Poland
Transport equation as a common framework for discrete and continuous processes

Aref Jeribi
University of Sfax, Tunisia
Schauder and Riesz bases and application to a Gribov operator in Bargmann space

Piotr Minakowski
Institute of Applied Mathematics and Mechanics, University of Warsaw, Poland
Visco-plastic model of a ultrafine structure formation inducted by high pressure torsion

Marco Morandotti
Department of Mathematical Sciences, Carnegie Mellon University, Pittsburgh, USA
Self-propulsion in viscous fluids through shape deformation

Oles Shtanko
Taras Shevchenko National University of Kyiv, Ukraine
From edge field theories to microscopic description of fractional Hall effect

Marita Thomas
Weierstrass Institute for Applied Analysis and Stochastics, Berlin
Thermomechanical modeling via energy and entropy

The organizers

Anja Schlömerkemper
Giuliano Lazzaroni