

AGENDA – Wednesday, 21.11.2012

Ab 10:30

Welcome and Registration

11:00 - 11:10

Introduction B. Vexler/K. Kunisch

11:10 - 11:25

Konstantin Pieper „*Discretization methods for an optimal control problem with sparse solutions*“

11:35 - 11:50

Philip Trautmann „*Controlling the wave equation with measures*“

12:00 - 13:30

Lunch

13:30 – 13:45

Matthias Lang-Batschnig „*Stability of Semigroups*“

13:55 - 14:10

Elena Gornostaeva „*Optimal Control of the Richards equation with hysteresis*“

14:20 - 14:35

Max Winkler „*Neumann Boundary Control on Polyhedral Domains*“

14:45 - 15:00

Marco Artina „*On the minimization of non-convex, non-smooth functional*“

15:10 - 15:30

Coffee Break

15:30 - 15:45

Martin Holler „*A TGV based image reconstruction model*“

15:55 - 16:10

Tang Quoc Bao „*Simplified model of asymmetric stem-cell division: Well-posedness and Lyapunov functional*“

16:20 - 16:30

Break

16:30 - 17:30

Fredi Tröltzsch „*On an optimal control problem for magnetic field*“

17:30 - 17:40

Break

17:40 - 18:30

Roundtable of Pls/ Roundtable of doctoral candidates

18:30

Dinner

AGENDA – Thursday, 22.11.2012

09:00 - 09:15	Moritz Keuthen „ <i>Semismooth Newton methods for a shape optimization problem with elliptic state equation and pointwise shape constraints</i> “
09:25 - 09:40	Bernhard Kiniger „ <i>Shape Optimization: Regularity Results and Approximation</i> “
09:50 - 10:05	Daniel Kraft „ <i>Foundations of a Level-Set Approach to Shape Optimization</i> “
10:15 - 10:45	Coffee Break
10:45 - 11:00	Eva-Maria Müller „ <i>Solvability of radiativ transver equation in slab geometry via variational formulations</i> “
11:10 - 11:25	Olena Burkovska „ <i>Reduced basis techniques for parameter dependent obstacle problems</i> “
11:35 - 11:50	Linus Wunderlich „ <i>Reduced Basis Methods for Obstacle Problems</i> “
12:00 - 13:30	Lunch
13:30 - 13:45	Jelena Patarcic „ <i>A curse-of-dimensionality-free numerical method for solution of certain HJB PDEs</i> “
13:55 - 14:10	Felix Henneke „ <i>Control of a Schrödinger Equation</i> “
14:20 - 14:35	David Sattlegger „ <i>Quantum Control</i> “
14:45 - 15:30	Coffee Break
15:30 - 16:30	Roundtable of PIs