

IGDK Munich-Graz Annual Colloquium 2017

Haus der Bayerischen Landwirtschaft, Herrsching am Ammersee

Thursday, 30.11.2017		Thursday, continued	
09:30 - 09:45	Welcome address: Boris Vexler and Karl Kunisch	15:30 - 15:45	, , , , , , , , , , , , , , , , , , , ,
09:45 - 10:00	Lucas Bonifacius: Finite element discretization of time-		finite element to optimal control and parabolic problems
	optimal control problems subject to parabolic equations	16:00 - 18:15	Separate discussion rounds of PIs and PhD students including election of new student representatives
10:10 - 10:25	Daniel Schaden: Multifidelity estimators in optimal control	18:30	Dinner followed by informal scientific exchange
10:35 - 11:00	Coffee break		
11:00 - 11:15	Johannes Haubner: Theoretical aspects of shape optimization for unsteady fluid-structure interaction	Friday, 01	1.12.2017
11:25 - 11:40	Michael Kniely: Optimal excitation induced charge transfer in	09:00 - 09:15	Report: Students Workshop 2017
11.23 11.10	photovoltaic devices	09:25 - 09:40	Sergejs Rogovs: Maximum norm estimates for boundary
11:50 - 12:05	Daniel Walter: Fast local convergence of the primal-dual active point method	09:50 - 10:05	control problems in polygonal domains Stefan Dohr: Space-time BEM for the heat equation
12:15 - 13:45	Lunch	10:15 - 11:15	Poster session with coffee
13:45 - 14:00	Sandro Belz: Convergence of unilateral flows for Ambrosio- Tortorelli energies and application to fracture mechanics	11:15 - 12:45	Lunch
		12:45 - 13:45	Poster session continued
14:10 - 14:25	Chris Münch : Hysteresis in limits of fast-slow systems: Convergence rates	13:45 - 14:00	Sören Behr: Unbounded control operators for bilinear systems
14:35 - 14:50	Sandra Marschke: Optimization of violin bridges - constructing a realistic NURBS geometry and first	14:10 - 14:25	Sebastian Engel : Optimal control of the linear wave equation by BV-functions in time
	vibroacoustic simulations	14:35 - 14:50	Concluding words followed by coffee
15:00 - 15:30	Coffee break	15:30	Departures via Taxi to Munich Airport (Graz Members) and via Shuttle Bus to Herrsching Tube Station (see lists)