IGDK Munich-Graz - Annual Colloquium 2019

Hotel am alten Park, Augsburg

Agenda

Monday, 18.11.2019

10:25	**Arrivals from Graz @ MUC, Transfer to Augsburg**
12:00	**Registration**
12:30 - 14:00	**Lunch**
14:00 - 14:15	Welcome address: Boris Vexler and Karl Kunisch
14:15 - 14:30	Dominik Hafemeyer: Optimal control of the parabolic obstacle problem
14:40 - 14:55	Christof Haubner: A priori error estimates for the optimal control of a simplified Signorini problem
15:05 - 15:20	Niklas Behringer: Local pointwise error estimates for finite element approximations to the Stokes problem and applications in optimal control
15:30 - 16:00	**Coffee break**
16:00 - 16:05	Reymart Lagunero: short introduction
16:05 - 16:20	Johannes Haubner: Improved regularity for linear hyperbolic equations
16:30 - 16:45	Daniel Schaden: Multilevel best linear unbiased estimators
17:05 - 18:15	Separate discussion rounds of PIs and PhD students
18:30	**Dinner and scientific exchange**

Tuesday, 19.11.2019

09:00 - 09:20	Report: Students Workshop 2019
09:30 - 09:45	Gernot Holler: Learning nonlocal regularization operators
09:55 - 10:10	Sören Behr: Convergence of the Lehmann representation in linear response theory
10:20 - 10:35	Sandra Marschke: A parameter optimisation problem for orthotrophic wood structures
10:45 - 11:15	**Coffee Break**
11:15 - 11:40	Constantin Christof: New regularity results and finite element error estimates for a class of parabolic optimal control problems with pointwise state constraints
11:50 - 12:05	Florian Beiser: Stochastic shape optimization of electrical machines
12:15 - 12:30	Richard Huber: L^2 convergent discretization of pixel-driven projection operators
12:40 - 14:00	**Lunch**
14:00 - 14:15	Johannes Milz: An approximation scheme for distributionally robust optimization with PDEs
14:25 - 14:40	Benedikt Graswald: H_2 dissociation in density functional theory
14:50	**Concluding words**
15:00	Transfer to MUC for Graz members
18:35	Departure with Air Dolomiti to Graz