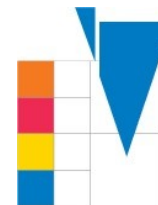


IGDK Munich-Graz - Annual Colloquium 2019

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 orthotropic 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