
Monday, November 5, 2018

18:30 Dinner

Tuesday, November 6, 2018

9:00-10:15	Zulehner's group	Initial source recovery of the wave equation given internal boundary measurements Alexander Beigl: Part 1: Continuous formulation of the problem Jarle Sogn: Part 2: Numerical implementation Ludwig Mitter: The Local THB-Multigrid Method
10:15-10:45		Coffee break
10:45-12:00	Jüttler's group	Nora Engleitner: (Decoupled) Truncated Patchwork B-splines Michael Haberleitner: The Extended Isogeometric Segmentation Pipeline Felix Scholz: Isogeometric analysis on trimmed surfaces and volumes
12:30		Lunch
14:00-15:00	Bernard Mourrain	Smooth splines on meshes
15:00-15:30		Coffee break
15:30-17:00	Jüttler's group	Angelos Mantzaflaris: Current developments and outlook of G+Smo IgA software Discussion G+Smo Discussions in groups
18:30		Dinner

Wednesday, November 7, 2018

9:00-9:45	Rumpf's group	Variational Problems on Triangular Meshes
9:45-10:15	Monica Montardini	Efficient solution of parabolic problems in isogeometric analysis: the least-squares space-time method
10:15-10:45		Coffee break
10:45-12:00	Scherzer's group	Eric Setterqvist: On total variation regularization in rectilinear geometry Clemens Hofreither: Low-Rank Isogeometric Solvers based on Alternating Linear Schemes
12:30		Lunch
14:00-15:00	Gregor Gantner	Adaptive isogeometric methods with optimal convergence rates
15:00-15:30		Coffee break
15:30-17:00	Langer's group	Ulrich Langer: Space-Time Isogeometric Analysis of Parabolic Diffusion Problems with Low-Regularity Solutions Stefan Takacs: Robust error estimates for dG-IgA discretizations Rainer Schneckeneither: Isogeometric Analysis based Simulation and Optimization - Applications to Electrical Machines