
Monday, April 4, 2016

12:00		Check in and lunch
14:00-15:30	Jüttlers's group	Haberleitner: Domain Segmentation for IgA - The Construction of Cutting Surfaces Kleiss: Boundary Compatibility of (T)HB-splines Mokriš: How to get a rank 5 parameterization of your domain easily Špeh: Multi-patch parameterization with template mapping
15:30-16:00		Coffee break
16:00-17:00	Rumpf's group	Rumpf: Splines in Shellspace Huber: On the stability of the Rayleigh-Ritz method with piecewise polynomials of variable smoothness
18:30		Dinner

Tuesday, April 5, 2016

9:00-10:15	Zulehner's group	Hofreither: A Robust Geometric Multigrid Method for Two-Dimensional Isogeometric Analysis Rafetseder: A new mixed approach for discretizing Kirchhoff-Love plates Sogn: Robust preconditioners for optimality systems using Isogeometric Analysis
10:15-10:45		Coffee break
10:45-10:55	Langer's group	Langer: Introduction
10:55-11:20		Toulopoulos: dG IgA: Treatment and Analysis of Segmentation Crimes
11:20-11:40		Hofer: Discontinuous Galerkin Dual-Primal Isogeometric Tearing and Interconnecting Methods
11:40-12:00		Langer: Space-Time IgA: State of the Art and Outlook
12:00-14:00		Lunch
14:00-15:00	Boris Khoromskij	Talk: Rank-structured tensor approximation of multi-dimensional PDEs
15:00-15:30	Jüttler's group	Mantzaflaris: Effective Low Rank Approximation of IgA matrices
15:30-16:00		Coffee break
16:00-17:00	Scherzer's group	Kirisits: Convergence Rates for Nonconvex Variational Regularization Iglesias Martinez: Symmetric energies in level set matching
18:30		Dinner

Wednesday, April 6, 2016

9:00-10:15	EXAMPLE JKU	Bressan: Implementing adaptive splines Engleitner: Basis Functions for Partially Nested Hierarchical Spline Refinement Seiler: Adaptive Numerical Quadrature for the Isogeometric Discontinuous Galerkin Method Surynkova: Towards Exact Enumeration of Quadrilateral Meshes
10:15-10:45		Break
10:45-12:00	EXAMPLE MTU	Buchegger: Planar Multi-Patch Domain Parameterization via Patch Adjacency Graphs Zore: Truncated B-splines for Partially Nested Refinement Großmann: The life of EXAMPLE in MTU
12:00-		Lunch