

Monday, March 18, 2019

12:30		Lunch
14:00-15:15	Langer's group	Ulrich Langer: Adaptive Space-Time Isogeometric Analysis. Rainer Schneckleitner: Isogeometric Analysis based Simulation and Shape Optimization of Electrical Machines Stefan Takacs: Robust multigrid methods for Isogeometric Analysis
15:15-15:45		Coffee break
15:45-16:45	Laureano Gonzalez-Vega	Offsets to conics and quadrics: a new representation for their implicit equation
16:45-17:45	Jüttler's group	Felix Scholz: Isogeometric analysis on trimmed volumes Sandra Merchel: Non-linear deformation of trimmed geometries with discrete, unstructured data
18:00		Dinner

Tuesday, March 19, 2019

9:00-10:15	Jüttler's group	Katharina Birner: Approximation power of C1-smooth splines on trilinearly parameterized two-patch domains Michael Haberleitner: Isogeometric Segmentation - A journey Dany Esteban Rios Rodas: Planar domain segmentation with neural networks: Hexagon Case
10:15-10:45		Coffee break
10:45-11:45	Michael Barton	Gaussian quadrature rules for univariate splines and their applications to tensor-product isogeometric analysis
11:45-12:15	Rumpf's group	Josua Sassen: Discrete Gauß-Codazzi equations for triangle mesh processing
12:30		Lunch
14:00-15:15		Discussions in groups
15:15-15:45		Coffee break
15:45-17:00		Discussions in groups
18:00		Dinner

Wednesday, March 20, 2019

9:00-10:15	Scherzer's group	Alexander Beigl: Initial Source Estimation of the Wave Equation with Applications to Photoacoustic Tomography
10:15-10:45		Coffee break
10:45-12:15	Zulehner's group	Jarle Sogn: Initial Source Estimation of the Wave Equation with Applications to Photoacoustic Tomography: Part 2 Clemens Hofreither: Low-Rank ALS Solvers for Isogeometric Analysis in Arbitrary Dimensions Ludwig Mitter: L2-Stability of THB-Splines
12:30		Lunch