Monday, November 13, 2017

12:00-14:00		Check in and lunch
14:00-15:15	Jiří Kosinka	Subdivision surfaces in isogeometric analysis.
15:15-15:45		Coffee break
15:45-17:00	Jüttler's group	Thomas Takacs: Analysis-suitable C1 multi-patch isogeometric spaces. Mario Kapl: Solving the triharmonic equation over multi-patch domains using isogeometric analysis. Michael Haberleitner: Midpoint Subdivision.
18:30		Dinner

Tuesday, November 14, 2017

9:00-10:15	Zulehner's group	Jarle Sogn: Preconditioning of multiple saddle point problems and the biharmonic problem. Clemens Hofreither: An energy-conserving isogeometric space-time method for the wave equation. Katharina Rafetseder: A new approach to mixed methods for Kirchhoff-Love plates and shells.
10:15-10:45		Coffee break
10:45-12:00	Jüttler's group	Angelos Mantzaflaris: Update on the development of Geometry and Simulation modules. Felix Scholz: Integration on trimmed patches. Somayeh Kargaran: Overlapping Multi-Patch Structures.
12:00-14:00		Lunch
14:00-15:15	Scherzer's group Rumpf's group	Melanie Hirzman: Regularization of Functionals of Manifold-Valued Functions. Eric Setterqvist: Taut Strings and Real Interpolation. Pascal Huber: Higher Order Time Discretization of Geodesic Calculus.
15:15-15:45		Coffee break
15:45-17:00		Discussion in groups
18:30		Dinner

Wednesday, November 15, 2017

9:00-10:15	Langers's group	Ioannis Toulopoulos: Applications of DG-IGA space-time methods Svetlana Matculevich: A posteriori error control for space-time in Isogeometric Analysis of parabolic problems. Stefan Takacs: Multigrid for continuous and discontinuous Galerkin multi-patch IgA
10:15-10:45		Break
10:45-11:35	Langers's group	Christoph Hofer: Efficient solvers for dG-IgA space-time methods Rainer Schneckenleitner: Isogeometrical Analysis based Shape Optimization
11:35-12:00		Discussion in groups
12:00		Lunch