

Monday, April 22, 2013

9:00		Opening remarks
9:30-12:30		Scientific discussion in groups
13:30		Lunch
14:00-15:30	Rumpf's group	Martin Rumpf: Discrete Geodesic Calculus in Shell Space. Ricardo Perl: Subdivision Finite Elements for PDEs on Surfaces.
15:30-16:00		Coffee break
16:00-17:30	Scherzer's group	Guozhi Dong: Scale and edge detection with topological derivatives José A. Iglesias: A Shell Model for Level Set Matching Clemens Kirisits: Optical Flow on Evolving Surfaces with an Application to the Analysis of 4D Microscopy Data
18:30		Dinner
20:00-20:45	Laureano Gonzalez-Vega	"FoF" formulae: closed form solutions for and from evaluation

Tuesday, April 23, 2013

9:00		Opening remarks
9:30-12:30		Scientific discussion in groups
13:30		Lunch
14:00-15:30	Langer's group	Stephen Moore: Discontinuous Galerkin Isogeometric Analysis of elliptic PDEs in 2D and on Surfaces. Angelos Mantzaflaris: Fast and consistent matrix generation for isogeometric discretizations. Ioannis Touloupoulos: Applying Discontinuous Galerkin Finite Element Methods on Realistic Flow Problems, analysis on p- structure elliptic problems.
15:30-16:00		Coffee break
16:00-17:30	Jüttler's group	Dominik Mokris: Hierarchical spline spaces: counting their dimensions level-by-level. Mario Kapl: Edge Graph-Based Volume Segmentation for Isogeometric Analysis. Angelos Mantzaflaris: G+SMO
18:30		Dinner
20:00-20:45	N.N.	

Wednesday, April 24, 2013

9:00		Opening remarks
9:30-12:30		Scientific discussion in groups
13:30		Lunch
14:00-15:30	MTU's group	Andrea Waller: Introduction of MTU and their technology program David Großmann: EXAMPLE at MTU Carlotta Giannelli: THB-Splines Gabor Kiss: THB-Splines for and steps for an adaptive fitting process Florian Buchegger: Volume Parameterization of Air passages Johannes Barner: Parasolid / LISP
15:30-16:00		Coffee break
16:00-17:30	Zulehner's group	Clemens Hofreither: Numerical Experiments for Multigrid Methods in IGA
18:30		Dinner
20:00-20:45	N.N.	