Schedule of spontaneous talk sessions

Workshop on Numerical Schemes for Surface Partial Differential Equations

February 22–24, 2016,
Münster, Germany

Spontaneous talks session 1 (Monday, 14:00 – 15:30):

Time	Speaker	Title
14:00 – 14:30	Sebastian Westerheide	An unfitted discontinuous Galerkin scheme for conservation laws on evolving surfaces
14:30 – 15:00	Christoph Lehrenfeld	High Order TraceFEM On Level Set Domains
15:00 – 15:30	Rüdiger Müller	Adaptive FEM and a posteriori error control for coupled bulk-surface PDEs

Spontaneous talks session 2 (Monday, 16:00 – 17:30):

Time	Speaker	Title
16:00 – 16:30	Oleg Davydov	Demjanovich's FEM on Manifolds
16:30 – 17:00	Kristin Simon	Local Projection Stabilization for Surface Diffusion-Convection-Reaction Equations
17:00 – 17:30	Balazs Kovacs	Error analysis for full discretizations of quasilinear parabolic problems on evolving surfaces

Spontaneous talks session 3 (Tuesday, 11:30 – 12:30):

Time	Speaker	Title
11:30 – 12:00	Natalie Emken	A coupled bulk-surface reaction-diffusion-advection system for the simulation of actin-mediated cell polarity
12:00 – 12:30	Andriy Sokolov	Stabilized Level-set-based Finite Element Method for PDEs on evolving surfaces

Spontaneous talks session 4 (Tuesday, 14:30 – 15:30):

Time	Speaker	Title
14:30 – 15:00	Thomas Ranner	First steps in understanding *Caenorhabditis elegans* locomotion
15:00 – 15:30	Sebastian Reuther	A Phase Field Method for a Fluidic Interface in a Viscous Fluid

Spontaneous talks session 5 (Tuesday, 16:00 – 17:00):

Time	Speaker	Title
16:00 – 16:30	Andre Massing	PDEs on embedded manifolds
16:30 – 17:00	Do Young Kwak	A survey of Immersed finite Element

Spontaneous talks session 6 (Wednesday, 11:00 – 12:00):

Time	Speaker	Title
11:00 – 11:30	Lukas Tomek	Discrete Duality Finite Volume Method For Mean Curvature Flow Of Surfaces
11:30 – 12:00	Matej Medla	Computational domain discretization using surface evolution