Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 - 10:00	**Rhode, Christian** *Hyperbolic methods for Fluidic Interfaces*	**Lukacova, Maria** *Large Time Step Methods for Hyperbolic Balance Laws*		**Kröner, Dietmar** *Conservation Laws on Moving Surfaces*	**Herty, Michael** *Modeling and Control of Gas Dynamics on Networks using Hyperbolic PDEs*
10:00 - 10:30	***Coffee Break***	***Coffee Break***		***Coffee Break***	***Coffee Break***
10:30 - 11:15	**Burbulla, Samuel** *Reconstructing Volume Tracking*	**Bispen, Georgij** *Projection Properties of IMEX Schemes*		**Magiera, Jim** *Hyperbolic-Elliptic Modeling of Coupled Surface-Subsurface Fluid Flow*	**Kall, Jochen** *High order numerics for networks of hyperbolic conservation laws*
11:15 - 12:00	**Wiebe, Maria** *Tracking-type Finite-Volume schemes for phase transition problems*	**Kemm, Friedemann** *(More) News on the carbuncle*		**Notsu, Hirofumi** *A stbilized Lagrange-Galerkin scheme for the Navier-Stokes equations and its computation*	**Borsche, Raul** *High order schemes on networks of hyperbolic conservation laws*
12:30 - 14:30	***Lunch Break***	***Lunch Break***		***Lunch Break***	***Lunch Break***
14:30 - 15:15	**Kolbe, Niklas** *An Implicit-Explicit h-Refinement Method for Mathematical Cancer Invasion Models*	**Dreyer, Wolfgang** *Stochastic Theory of Many-particle Systems*			**Steinbach, Marc** *Coarse gas dynamics models in real-life network optimization*
15:15 - 16:00	**Buchmüller, Pawel** *Improved Accuracy of High-Order WENO Finite Volume Methods on Cartesian Grids with Adaptive Mesh Refinement*	**Thein, Ferdinand** *An Analytical Result for Isothermal Two Phase Flow with Phase Transition*	Hike		**Grundel, Sara** *Modelling and efficient simulation of gas network dynamics*
16:00 - 16:30	***Coffee Break***	***Coffee Break***			***Coffee Break***
16:30 - 17:15	**Winters, Andrew** *Entropy Stable Discontinuous Galerkin Spectral Element Approximation for the Shallow Water Equations with Non-Constant Topography*	**Söhnholz, Hendrik** *Temperature effects in laser-induced cavitation*		Hike	**Rossi, Elena** *Analytical and Numerical Results for a Mixed System Inspired by Biology*
17:15 - 18:00		**Nolte, Martin** *Numerical Simulations for Navier – Stokes Equations with Combustion*			**Gerstenberger, Janick** *ActiPipe: Modelling of an active heat Pipe*