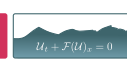


Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 - 10:30	Westdickenberg, Michael <i>Curves of maximal slope, Pt. 1</i>	09:00-10:00, Abgrall, Remi <i>Recent progress in the numerical solution of complex flow problems</i>		09:00-10:00, Helzel, Christiane <i>A third order accurate wave propagation algorithm for acoustics</i>	Westdickenberg, Michael <i>Curves of maximal slope, Pt. 2</i>
10:30 - 11:00	Coffee Break	10:00-10:30, Bacigaluppi, Paola <i>Design of a conservative approach for unsteady hyperbolic problems with a nonconservative formulation</i>		10:00-10:30, Scandurra, Leonardo <i>All Mach number second order semi-implicit scheme for the Euler equations of gas dynamics</i>	Coffee Break
11:00 - 11:45	Magiera, Jim <i>A multiscale model for compressible liquid-vapor flows</i>	Meyer, Fabian <i>A posteriori error analysis for random scalar conservation laws using the Galerkin method</i>		Kerkmann, David <i>Preliminary Results on the Construction of High-Order Cut Cell Methods</i>	Müller, Christoph <i>Ghost fluid methods for multiphase flows with phase change</i>
11:45 - 12:30	Wiebe, Maria <i>A multiscale moving-mesh method for dynamical phase transitions in solids</i>	Zacharenakis, Dimitrios <i>A posteriori error analysis for a discontinuous Galerkin (DG) of the Euler-Korteweg model</i>			Ostrowski, Lukas <i>An approach to numerical upscaling for compressible phase field flow</i>
12:30 - 14:30	Lunch Break	Lunch Break	Hike	Lunch Break	Lunch Break
14:30 - 15:15	Sikstel, Aleksey <i>Comparison of shallow water models for rapid channel flows</i>	Lukacova, Maria <i>Convergence of a mixed finite element-finite volume scheme for the compressible flows via dissipative measure-valued solutions</i>			Steinbach, Marc <i>A comparison of discretization methods in the context of networks</i>
15:15 - 16:00	Burbulla, Samuel <i>A volume-of-fluid interface tracking method in three dimensions</i>	Giesselmann, Jan <i>Modelling error estimates and adaptation in compressible flows</i>		Hike	Kemm, Friedemann <i>Augmented models for the simulation of flows in complex geometries on arbitrary grids</i>
16:00 - 16:30	Coffee Break	Coffee Break			Coffee
16:30 - 17:15	Gerstenberger, Janick <i>A Discontinuous Galerkin method for two-phase flow</i>	Pirner, Marlies <i>Deriving macroscopic balance laws for gas mixtures from kinetic equations</i>			



HIRSCHEGG WORKSHOP
ON CONSERVATION LAWS
SEPTEMBER 17 - 23, 2017