Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 - 10:00	**Giesselmann, Jan** *A Posteriori Error Estimates of Numerical Methods for Random Hyperbolic Conservation Laws*	**May, Sandra** *Approaches for solving hyperbolic conservation laws on cut cell meshes*	**Hike**	**Hantke, Maren** *Modelling Phase Transition with the Baer-Nunziato Model*	**Klein, Rupert** *Well-balanced and scale-dependent time integration for atmospheric flows*
10:00 - 10:30	***Coffee Break***	***Coffee Break***		***Coffee Break***	***Coffee Break***
10:30 - 11:15	**Joshi, Hrishikesh** *Model adaptation for hyperbolic balance laws*	**Streitbürger, Florian** *A stabilized DG cut cell method for discretizing the linear transport equation*		**Matern, Christoph** *The Riemann problem for a weakly hyperbolic two-phase flow model of a dispersed phase in a carrier fluid*	**Hastermann, Gottfired** *Towards robust numerical methods for combined model and data dynamics of atmospheric models with multiple scales*
11:15 - 12:00	**Gerster, Stephan** *Stochastic Galerkin Formulations for Hyperbolic Conservation Laws*	**Kerkmann, David** *Active Flux Methods for Hyperbolic Conservation Laws - ADER Interpretation and Application to Cut Cells Meshes*		**Yaghi, Hazem** *Riemann problem for a diffuse interface multiphase mixture model*	**Dörffel, Tom** *Energy Balances of Tropical Cyclones: Generation of Available Potential and Kinetic Energy by Diabatic Heating*
12:30 - 14:30	***Lunch Break***	***Lunch Break***		***Lunch Break***	***Lunch Break***
14:30 - 15:15	**Kerkhoff, Xenia** *Commutative properties of space-time DG schemes for optimal control problems constrained by convection diffusion equations*	**Barsukow, Wasilij** *The low Mach number limit of the Active Flux scheme*		**Hike**	**Mantri, Yogiraj** *High order well-balanced schemes for flows in networks*
15:15 - 16:00	**Müller, Siegfried** *Multiwavelet-Based Grid Adaptation with Discontinuous-Galerkin schemes for Conservation Laws*	**Minakowski, Piotr** *On the Euler System with Variable Congestion and application to crowd dynamic*			**Borsche, Raul** *Kinetic layers and coupling conditions for hyperbolic PDEs on networks*
16:00 -	***Coffee Break***	***Coffee Break***			***Coffee Break***

16:30				
16:30 - 17:15	**Ni, Guoxi** *Adaptive Multi-resolution Interface Method for Three Dimensional Reacting Flow*	**Hayat, Adnan** *Theoretical analysis of forced segmented temperature gradients in liquid chromatography*		**Holle, Yannick** *Kinetic coupling conditions for isentropic flows on networks* **Zacharenakis, Dimitrios** *Asymptotic preserving (AP) schemes for gas flows on large networks*
17:15 - 18:00				
			After Dinner, 20:00: **Warnecke, Gerald** *C.F. Gauß and Geodesy*	

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Letzte Änderung: 10.09.2019 - Ansprechpartner: Dr. Ferdinand Thein

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