Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 - 10:00	**Torrilhon, M.** *Modeling for Gas Dynamics in Non-Equilibrium*	**Goatin, P.** *Macroscopic traffic flow models for new mobility paradigms*		**Gavrilyuk, S.** *Hyperbolic model of heat transfer*	**Ryan, J.** *Designing Effective Filters for Numerical Approximations to Hyperbolic Conservation Laws*
10:00 - 10:30	*Coffee Break*	*Coffee Break*		*Coffee Break*	*Coffee Break*
10:30 - 11:00	**Pirner, M.** *Hypocoercivity for a nonlinear generation-recombination model*	**Friedrich, J.** *Traffic flow models with nonlocal velocity: The singular limit problem*		**Keim, J.** *A Relaxation Formulation of the Non-Isothermal Navier-Stokes-Korteweg Equations*	**Chiocchetti, S.** *Exponential integrators and semi-analytical solvers for multiphase flow, plasticity and hyperbolic viscous flow*
11:00 - 11:30	**Hellmuth, K.** *Kinetic Equations and Inverse Problems: Parameter Identification for Chemotaxis*	**Ulke, A.** *Traffic emission models with variable speed limits*		**Dhaouadi, F.** *A structure-preserving scheme for the hyperbolic Navier-Stokes-Korteweg equations*	**Izgin, T.** *Stability and Order Conditions for Positive Runge–Kutta-like Methods and their Application to Balance Laws*
12:00 - 14:30	*Lunch Break*	*Lunch Break*		*Lunch Break*	*Lunch Break*
14:30 - 15:00	**Kunkel, T.** *Data assimilation for the flow in gas networks using a nodal observer*	**Iacomini, E.** *Uncertainty quantification in vehicular traffic flow*		**Schömer, A.** *Dissipative measure-valued solutions to the compressible Navier-Stokes equations with potential temperature transport* ***(from 11:30 - 12:00)***	**Streitbürger, F.** *A stabilized discontinuous Galerkin method for solving hyperbolic conservation laws on grids with embedded objects*
15:00 - 15:30	**Schneider, S.** *Estimatable variation neural networks and their application to scalar hyperbolic conservation laws*	**Sikstel, A.** *A-posteriori error estimates for systems of hyperbolic conservation laws*			**Kolb, A.** *Multilevel strategy for hyperbolic conservation laws with uncertain initial data*
15:30 - 16:00	**Chaumet, A.** *Efficient wPINN-Approximations to Entropy Solutions of Hyperbolic Conservation Laws*	**Hörnschemeyer, S.** *Multi-layer modelling of coastal upwelling*	**Hike**	**Hike**	**Gerster, S.** *Haar-type stochastic Galerkin formulations for hyperbolic systems with Lipschitz continuous flux functionsEntropy Dissipation at the Junction for Traffic Flow Models*
16:00 - 16:30	*Coffee Break*	*Coffee Break*			*Coffee Break*
16:30 - 17:00	**Baumann, L.** *On the dynamical low-rank numerical method for kinetic equations*	**Thein, F.** *Stabilization of Multidimensional Hamilton-Jacobi Equations*			**Birke, C.** *A well-balanced semi-implicit finite volume scheme for ideal magnetohydrodynamics at all Mach numbers*
17:00 - 17:30	**Barthwal, R.** *On a sonic-supersonic patch for axisymmetric relativistic Euler equations*	**Warnecke, G.** *On the equivalence of some non-conservative hyperbolic systems and systems of conservative balance laws*			**Kemm, F.** *Explicit time integration for low-Mach and all-Mach solvers*