	Monday 30/10/2023		**Tuesday** 31/10/2023		**Wednesday** 01/11/2023		**Thursday** 02/11/2023		**Friday** 03/11/2023
8:30	Registration								
9:00	Welcome!								
9:15	**Rémi Abgrall**	**9:15**	**Paola F. Antonietti**	**9:15**	**Malgorzata Peszynska**	**9:15**	**Clément Cancès**	**9:15**	**Walter Boscheri**
Chair: Philippe Helluy	A personal discussion on conservation, and how to formulate it	Chair: Robert Klöfkorn	AeroSPEED: a high order acoustic solver for aeroacoustic applications	Chair: Gabriella Puppo	Mixed dimensional modeling with overlapping continua on Cartesian grids for complex applications	Chair: Stella Krell	Finite volumes for a generalized Poisson-Nernst-Planck system with cross-diffusion and size exclusion	Chair: Vincent Perrier	Semi-implicit and fully discrete Virtual Element Methods for time-dependent PDEs
10:05	**Mohamed Laaziri**	**10:05**	**Christian Engwer**	**10:05**	**Wassim Aboussi**	**10:05**	**Jean Cauvin-Vila**	**10:05**	**Håvard Heitlo Holm**
Chair: Philippe Helluy	Thermodynamically Consistent discretisation of a Thermo-Hydro-Mechanical model	Chair: Robert Klöfkorn	Domain of Dependence stabilization for the acoustic wave equation on 2D cut-cell meshes	Chair: Gabriella Puppo	A finite volume scheme with a diffusion control parameter on unstructured hybrid mesh: application to two-dimensional Euler equations	Chair: Stella Krell	Structure Preserving Finite Volume Approximation of Cross-Diffusion Systems Coupled by a Free Interface	Chair: Vincent Perrier	Reducing Numerical Artifacts by Sacrificing Well-Balance for Rotating Shallow-Water Flow
10:30	**Coffee break**	**10:30**	**Coffee break**	**10:30**	**Coffee break**	**10:30**	**Coffee break**	**10:30**	**Coffee break**
11:00	**Simon Clément**	**11:00**	**Gabriel Narváez**	**11:00**	**Jürgen Fuhrmann**	**11:00**	**Julien Moatti**	**11:00**	**Angelo Iollo**
Chair: Rémi Abgrall	Towards a finite volume discretization of the atmospheric surface layer consistent with physical theory	Chair: Claire Chanais-Hillairet	Automatic solid reconstructionfrom 3-D points set for flow simulation via an immersed boundary method	Chair: Konstantin Brenner	Two entropic finite volume schemes for a Nernst–Planck–Poisson system with ion volume constraints	Chair: Martin Ferrand	A skeletal high-order structure preserving scheme for advection-diffusion equations	Chair: Victor Michel-Dansac	A two-dimensional linear implicit relaxed scheme for hyperbolic conservation laws
11:25	**Michael Dumbser**	**11:25**	**Camilla Fiorini**	**11:25**	**Zeina Chehade**	**11:25**	**Pierre-Loïc Bacq**	**11:25**	**Guillaume Jomée**
Chair: Rémi Abgrall	On thermodynamically compatible finite volume schemes for overdetermined hyperbolic systems	Chair: Claire Chanais-Hillairet	Uncertainty propagation of the shock position for hyperbolic PDEs using a sensitivity equation method	Chair: Konstantin Brenner	The Two-Point Finite Volume Scheme for the Microscopic Bidomain Model of Electrocardiology	Chair: Martin Ferrand	PolyMAC: staggered finite volume methods on general meshes for incompressible Navier-Stokes problems	Chair: Victor Michel-Dansac	Relaxation process in an immiscible three-phase flow model
11:50	**Gero Schnücke**	**11:50**	**Flore Nabet**	**11:50**	**Thomas Bellotti**	**11:50**	**Daniel Runge**	**11:50**	**Linheng Ruan**
Chair: Rémi Abgrall	Split Form Discontinuous Galerkin Methods for Conservation Laws	Chair: Claire Chanais-Hillairet	Finite Volume Approximations for Non-Linear Parabolic Problems with Stochastic Forcing	Chair: Konstantin Brenner	Monotonicity for genuinely multi-step methods: results and issues from a simple lattice Boltzmann scheme	Chair: Martin Ferrand	Reduced Basis Approach for convection-diffusion equations with non-linear boundary reaction conditions	Chair: Victor Michel-Dansac	Stokes–Brinkman–Darcy Models for Coupled Free-Flow and Porous-Medium Systems

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12:15	**Lunch**	**12:15**	**Lunch**	**12:15**	**Ibtissem Lannabi**	**12:15**	**Lunch**	**12:15**	**Thomas Crozon**
				Chair: Konstantin Brenner	On the convergence of the Godunov scheme with a centered discretization of the pressure gradient			Chair: Victor Michel-Dansac	A DDFV Scheme for Incompressible Two-Phase Flow Degenerate Problem in Porous Media
14:00	**Christiane Helzel**	**14:00**	**Christian Rhode**			**14:00**	**Jennifer Ryan**		
Chair: Sandra May	A Review of Cartesian Grid Active Flux Methods for Hyperbolic Conservation Laws	Chair: Michael Dumbser	Moving-Mesh Finite-Volume Methods for Hyperbolic Interface Dynamics			Chair: Clémentine Courtès	Magic SIAC Toolbox: A Codebase of Effective, Efficient, and Flexible Filters		
14:50	**Erik Chudzik**	**14:50**	**Sri Redjeki Pudjaprasetya**			**14:50**	**Jens Keim**		
Chair: Sandra May	An Active Flux Method for the Vlasov-Poisson System	Chair: Michael Dumbser	Two-layer exchange flow with time-dependent barotropic forcing			Chair: Clémentine Courtès	A Reinforcement Learning Based Slope Limiter for Two-Dimensional Finite Volume Schemes		
15:15	**Tino Laidin**	**15:15**	**Speed Poster intro 1**			**15:15**	**Speed Poster intro 2**		
Chair: Sandra May	Hybrid Kinetic/Fluid numerical method for the Vlasov-Poisson-BGK equation in the diffusive scaling								
15:40	**Coffee break**	**16:05**	**Coffee break**			**16:05**	**Coffee break**		
16:10	**Alexander Kurganov**	**16:30**	**Poster session 1**			**16:30**	**Poster session 2**		
Chair: Angelo Iollo	Local Characteristic Decomposition Based Central-Upwind Scheme for Compressible Multi-fluids								
16:35	**Martin Ferrand**								
Chair: Angelo Iollo	A scheme using the wave structure of second-moment turbulent models for incompressible flows								
17:00	**Jerome Bonelle**								
Chair: Angelo Iollo	Compatible Discrete Operator schemes for solidification and segregation phenomena								

All **talks take place in Grand Amphi Math**, UFR Mathématique et Informatique, Université de Strasbourg. The **lunches take place at the restaurant administratif AGRICAS**, entry from Cité administrative Gaujot, 14 Rue du Maréchal Juin, 67000 Strasbourg.