

Programme

Friday, March 15th

From 15.00	Check-in	
16.00 - 19.00	Registration of participants	
18.00 – 21.00	Dinner	
	Saturday, March 16th	
7.00 – 8.45	Breakfast	
8.50 – 9.00	Opening of the conference (<u>Congress Hall, 8th floor</u>) – <i>Karol Mikula</i>	
9:00 – 10:40	Plenary lectures (<u>Congress Hall, 8th floor</u>) – <i>chairman Daniel Ševčovič</i>	
9.00 – 9.50	Alfred M. Bruckstein - Seeing Things in Random Dot Videos	
9.50 – 10.40	Christian Schmeiser - Mathematical models for actin driven cell motility	
10.40 – 11.10	Coffee break (8th floor)	
11.10 – 12.10 (12	2.30) Parallel contributed sessions	
Session A (Congre	ss Hall, 8th floor) – chairman Christian Schmeiser	
11.10 – 11.30	G. Lupi - Understanding macrophage motion during wound healing: extraction of smooth velocities and analysis of randomness	
11.30 – 11.50	B. Klug - Simulations of supersonic flows to study trajectories of aerosols and the impaction-based sampling efficiency on a rocket-borne particle collector	
11.50 - 12.10	E. Kokavcová - On implicitly constituted fluids with implicitly constituted boundary conditions	
Session B (<u>Blue Hall, 7th floor</u>) – <i>chairman Laura Grigori</i>		
11.10 - 11.30	M. Rozložník - Iterated Gauss-Seidel GMRES	
11.30 - 11.50	S. Pozza - A fast numerical method for the operator solution of the generalized Rosen-Zener model	
11.50 – 12.10	S. Potter - Fast hierarchical low-rank view factor matrices for thermal irradiance on planetary surfaces	
12.10 – 12.30	J. Kružík - Preconditioned active set algorithm for quadratic programming	
Session C (Conference room, 11th floor) – chairman Clement Cancés		
11.10 – 11.30	L. Jakabčin - A percolation model for numerical simulation of non-reactive impregnation in porous media	
11.30 - 11.50	M. Slodička - Evolutionary PDEs with Volterra operators: direct and inverse source problems	
11.50 - 12.10	M. Béreš - Parameter fitting using Bayesian inversion assisted by neural network surrogate model	
12.10 – 12.30	Y. Saleh - Augmenting spectral methods with invertible neural networks and application to quantum molecular physics	

Session D (Conference room,	5th floor) - chair	man Michal Beneš
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11.10 – 11.30	J. Vala - Computational smeared damage in the macroscopic analysis of quasi-brittle materials and structures ${\sf val}$
11.30 – 11.50	V. Kozák - Crack propagation modelling using XFEM and numerical problems, building materials applications
11.50 - 12.10	V. Kučera - Convergence of the finite element method on extremely deformed meshes

12.10 (12.30) - 14.00 Lunch

14.00 – 16.00 Parallel sessions

Session A (<u>Congress Hall, 8th floor</u>) – session on Numerical, analytical, experimental, and image processing approaches to combustion, flame propagation, and evolution of interfaces – *chairman Shigetoshi Yazaki*

14.00 - 14.30	S. Yazaki - Image segmentation and its application to track a flame/smoldering front in combustion
14.30 – 15.00	M. Ambroz - Applications of data assimilation in forest fire propagation modeling
15.00 – 15.30	S. Miyashita - Unstable behavior of concurrent flame spread in a narrow channel
15.30 – 16.00	H. Izuhara - Instability analysis of planar wave in a combustion model

Session B (<u>Blue Hall, 7th floor</u>) – session on Structure-preserving finite element methods for computational fluid dynamics – *chairman Dmitri Kuzmin*

14.00 – 14.30	A. Rupp - Limiter-based entropy stabilization of semi-discrete and fully discrete schemes for nonlinear hyperbolic problems
14.30 – 15.00	J. Chan - Enforcing cell entropy inequalities using subcell limiting
15.00 – 15.30	A. Rueda-Ramirez - Monolithic convex limiting for Legendre–Gauss–Lobatto discontinuous Galerkin spectral element methods
15.30 – 16.00	S. Faghih-Naini - A quadrature-free p-adaptive discontinuous Galerkin discretization for the shallow water equations

Session C (<u>Conference room, 11th floor</u>) – session on Modelling and simulation of flow, reactive transport and deformation in porous media – *chairman Iuliu Sorin Pop*

14.00 – 14.30	I. S. Pop - Linear iterative schemes for degenerate parabolic problems
14.30 - 15.00	M. A. Khan - An iterative scheme for the stochastic Stefan problem
15.00 – 15.30	K. Mitra - Robust time-discretization, linearization and adaptive algorithms for coupled problems in porous media
15.30 – 16.00	M. Berardi - Modeling root water uptake activity in the unsaturated water flow framework

Session D (Conference room, 5th floor) - session on Numerical linear algebra in PDEs - chairman Conor McCoid

16:00 - 16:30	Coffee break (8th floor)
15.30 – 16.00	H. Ringer - Shape from sound: the inverse Laplacian eigenvalue problem
15.00 - 15.30	E. de Sturler - Sketching and recycling GMRES for a sequence of PDE solves
14.30 - 15.00	J. Papež - Algebraic error in adaptive finite element method
14.00 – 14.30	M. Outrata - HAM: Hierarchical approximate maps for updating preconditioners

16.30 - 18.30 (19.00) Parallel sessions

Session A (Congress Hall, 8th floor) – session on Numerical, analytical, experimental, and image processing
approaches to combustion, flame propagation, and evolution of interfaces – chairman Shigetoshi Yazaki

16.30 – 17.00	S. Kobayashi - Mathematical modeling and simulations to flame spreading on an accordion folded paper
17.00 – 17.30	R. Straka - Application of LBM in the modeling of combustion
17.30 – 18.00	K. Matsue - Nonlinear dynamics of hydrodynamically unstable premixed flames with physicochemical interactions
18.00 - 18.30	J. Hahn - The G-equation on polyhedral meshes

Session B (<u>Blue Hall, 7th floor</u>) – session on Structure-preserving finite element methods for computational fluid dynamics – *chairman Andreas Rupp*

16.30 – 17.00	D. Kuzmin - Dissipation-based WENO stabilization for high-order finite element discretizations of hyperbolic problems
17.00 - 17.30	J. Vedral - Strongly consistent low-dissipation WENO schemes for finite elements

Session B (<u>Blue Hall, 7th floor</u>) – session on Numerical methods for nonlinear hyperbolic problems – *chairman Peter Frolkovič*

17.30 - 18.00	X. Nogueira - Machine learning approaches to improve WENO schemes
18.00 - 18.30	R. Loubere - A multi-dimensional aware Godunov method on unstructured mesh in 3D

Session C (<u>Conference room, 11th floor</u>) – session on Modelling and simulation of flow, reactive transport and deformation in porous media – *chairman Iuliu Sorin Pop*

16.30 – 17.00	C. Rodrigo - Oscillation-free numerical scheme for the Biot's model
17.00 – 17.30	J. Kraus - Fixed-stress method for a class of nonlinear poroelasticity problems
17.30 – 18.00	J. Stockie - A multi-scale model for freeze/thaw-induced pressure generation in maple trees
18.00 – 18.30	D. Trucu - Computational multiscale modelling of glioblastoma growth and spread within fibrous brain environment

Session D (Conference room, 5th floor) – session on Numerical linear algebra in PDEs – chairman Michal Outrata

18.30 - 21.00	Dinner
18.30 – 19.00	K. Patil - Steklov properties of the Helmholtz operator in the plane
18.00 – 18.30	N. Bootland - Multipreconditioning with Domain Decomposition for High-Frequency Helmholtz Problems
17.30 – 18.00	L. Lu - Time domain decomposition methods for parabolic optimal control problems
17.00 – 17.30	C. McCoid - Adaptively optimised transmission conditions in Schwarz methods
16.30 - 17.00	M. Boutilier - Robust Methods for Multiscale Coarse Approximations in Perforated Domains

21.00 – 24.00 Poster and beer session (Halla Grande, 5th floor)

Posters:

- K. Zhang Image Segmentation with Shape Compactness Regularization
- S. Hajighasemi An improved Frankot and Chellappa method for surface normal integration using fuzzy concepts
- A. Handlovičová Numerical scheme for AMSS model based on the finite volume method
- Z. Minarechová Solving the fixed gravimetric boundary value problem using mapped infinite elements
- D. Žáková Numerical solution of two-dimensional scalar conservation laws using compact implicit WENO scheme
- K. Lacková Novel compact schemes for advection equation: Employing inverse Lax-Wendroff procedure
- G. Lupi Harmonic velocity vector field reconstruction from sparse samples by triple-Laplacian
- M. Boutilier Trefftz approximation space for the Poisson equation in perforated domains
- L. Tomek Segmentation of planar point clouds using evolving curves
- A. Köhler An experimental analysis of the K-SVD algorithm
- R. Čunderlík 3D high-resolution numerical modelling of altimetry-derived marine gravity data using FVM
- M. Žeravý Well-balanced compact implicit numerical scheme for the shallow water equations with topography
- K. A. Allaly Automatic path extraction inside the aorta from CT data
- M. Húska Quaternary image decomposition with cross-correlation-based multi-parameter selection
- R. Straka Bloody LBM: bypass grafts simulation tool
- H. Ringer Shape from sound: The inverse Laplacian eigenvalue problem
- G. Ibolya Geometric interpretation and universal limiting of semi-implicit, fully discrete schemes for linear advection

Sunday, March 17th

7.00 – 8.55	Breakfast	
9.00 – 10.40	Plenary lectures (<u>Congress Hall, 8th floor</u>) – <i>chairman Miroslav Rozložník</i>	
9.00 – 9.50	Laura Grigori - Randomization techniques for solving linear systems of equations and eigenvalue problems	
9.50 – 10.40	Clement Cancés - Finite volumes for a generalized Poisson-Nernst-Planck system with cross-diffusion and size exclusion	
10.40 – 11.10	Coffee break (8th floor)	
11.10 – 12.10	Parallel sessions	
Session A (Congress Hall, 8th floor) – session on Advanced numerical methods for dissipative systems – chairman Simon Lemaire		
11.10 – 12.10	R. Eymard - Approximations of linear elliptic problems with irregular data on general simplicial grids	
Session B (<u>Blue Hall, 7th floor</u>) – session on New trends in model order reduction and learning – <i>chairman Mario Ohlberger</i>		
11.10 – 11.40	M. Hess - Electric field predictions using physics-informed neural networks	
11.40 – 12.10	T. Wenzel - Deep kernels via invertible neural networks	
Session C (Conference room, 11th floor) – session on Parallel in time methods for High-Performance Computing – chairman Christian Engwer		
11.10 – 11.40	C. Engwer - Hardware-aware numerics and parallel in time concepts	
11.40 – 12.10	S. Götschel - Parareal with physics-informed neural operators as coarse propagator	
Session D (<u>Conference room, 5th floor</u>) – session on Computational methods for finance and energy markets – chairman Matthias Ehrhardt		
11.10 – 11.40	D. Ševčovič - Maximal monotone operator technique for solving Hamilton-Jacobi-Bellman equations arising in optimal portfolio selection problem	
11.40 – 12.10	C. I. Udeani - Learning the solution operator of Hamilton Jacobi Bellman equations using physics-informed DeepONets	
12.10 – 14.00	Lunch	

14.00 -	16.00	Paralle	sessions
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Session A (Congress Hall, 8th floor) – session on Scientific machine learning: algorithms and applications – chairman
Alena Kopaničáková

14.00 - 14.30	S. Pezzuto - Machine learning for precision cardiology
14.30 – 15.00	A. A. Ožvat - Natural Numerical Network – forward-backward diffusion on directed graphs for supervised image classification
15.00 - 15.30	K. Brenner - Learning local Dirichlet-to-Neumann maps of nonlinear elliptic PDEs with rough data
15.30 - 16.00	E. Centofanti - Towards operator learning for ionic models in biomathematics

Session B (<u>Blue Hall, 7th floor</u>) – session on Numerical methods for nonlinear hyperbolic problems – *chairman Stephane Clain*

14.00 - 14.30	C. Parés - Recent advances in well-balanced methods for systems of conservation laws
14.30 – 15.00	P. Frolkovič - Compact implicit schemes for hyperbolic problems
15.00 – 15.30	F. Vilar - Monolithic DG/FV domain preserving scheme for hyperbolic PDEs
15.30 – 16.00	Y. Liu - Active flux like method for designing well-balanced schemes for shallow water models

Session C (<u>Conference room, 11th floor</u>) – session on Parallel in time methods for High-Performance Computing – chairman Christian Engwer

14.00 – 14.30	W. Drews - Optimizing FE-Multigrid methods for convection-diffusion equations via space-time parallelization
14.30 – 15.00	J. Dünnebacke - Space-time multigrid methods for convection-diffusion equations arising from flow problems
15.00 – 15.30	Ch. Lohmann - Augmented Lagrangian acceleration of Global-In-Time Oseen solvers
15.30 – 16.00	T. Lunet - Direct Parallel-in-Time method based on spectral deferred correction

Session D (<u>Conference room, 5th floor</u>) – session on Computational methods for finance and energy markets – *chairman Daniel Ševčovič*

14.00 – 14.30	C. Vázquez - Modelling and numerical methods for pricing in renewable energy certificate markets
14.30 – 15.00	L. Kapllani - Differential deep learning-based algorithm for solving high-dimensional nonlinear backward stochastic differential equations
15.00 – 15.30	M. Trnovská - Path-based data envelopment analysis models with direction defined using the anti-ideal point
15.30 – 16.00	J. Hrdina - Multiplier form of the path-based data envelopment analysis models and a single-stage approach for finding an efficient target

16.00 – 16.30 Coffee break (8th floor)

16.30 - 18.30 (19:00) Parallel sessions

Session A (Congress Hall, 8th floor) – session on Scientific machine learning: algorithms and applications – chairma	า
S Pezzuto	

16.30 - 17.00	A. Kopaničáková - Multilevel minimization and machine learning
17.00 – 17.30	H. Kothari - Nonlinear preconditioning for training of physics-informed neural networks
17.30 – 18.00	P. Novello - Towards instance-dependent approximation guarantees for scientific machine learning using Lipschitz neural networks
18.00 - 18.30	M. Weiser - Active learning of Gaussian process regression surrogates from simulated training data
18.30 - 19.00	M. Takáč - PhysicsML: Harnessing the power of AI in technology development

Session B (<u>Blue Hall, 7th floor</u>) – session on Numerical methods for nonlinear hyperbolic problems – *chairman Raphael Loubere*

16.30 – 17.00	S. Preda - A new algorithm for surface reconstruction using a semi-Lagrangian scheme with local interpolator
17.00 – 17.30	V. Michel-Dansac - CFL-less and parallel kinetic relaxation schemes for systems of balance laws; application to electromagnetism
17.30 – 18.00	A. Iollo - Some numerical models for multi-material interaction in compressible or incompressible regimes
18.00 - 18.30	S. Chiocchetti - Hyperbolic viscous flow using quaternion fields
18.30 - 19:00	S. Clain - Compact schemes in time for hyperbolic problems: the R-block method

Session C (<u>Conference room, 11th floor</u>) – session on Parallel in time methods for High-Performance Computing – chairman Christian Engwer

16.30 - 17.00	R. Falgout - Parallel-in-Time solution of systems of linear and nonlinear hyperbolic PDEs
17.00 – 17.30	D. Palitta - A new ParaDiag time-parallel time integration method
17.30 – 18.00	L. Wimmer - Applying spectral deferred corrections to differential-algebraic equations
18.00 - 18.30	Ch. L. Alappat - Performance optimization of sparse iterative solvers using temporal cache blocking

Session D (<u>Conference room, 5th floor</u>) – session on Computational methods for finance and energy markets – *chairman Matthias Ehrhardt*

16.30 – 17.00	I. Melicherčík - Parental bonus in pension systems
17.00 – 17.30	K. Debrabant - Weak second-order stochastic Runge-Kutta methods with optimal stage number
17.30 – 18.00	N. B. Renani - A Comparison Study of ADI and ADE Methods of the Black-Scholes equation on option pricing Models
18.00 – 18.30	M. Padyšák - The role of volatility in guaranteed bond funds
19.00 – 21.00	Dinner

Monday, March 18th

Complementary activities of the ALGORITMY conference

Skiing in Jasna

7.00 – 8.15	Breakfast, participants take lunch in a packet from baskets in breakfast room
8.30	Departure of the conference bus to Jasna
9.15 – 16.00	Renting equipment and skiing in Jasna
16.15	Departure of the conference bus from Jasna
17.00 - 21.30	Permon's Paradise

Visit of Liptov's village museum in Pribylina

7.00 - 9.30	Breakfast
9.45	Departure of the conference bus to Pribylina
10.00 - 12.00	Museum visit
12.15 - 14.00	Lunch
14.00 – 21.30	Permon's Paradise

18.00 – 21.00 Dinner

Tuesday, March 19th

	Tuesday, March 19th	
7.00 – 8.25	Breakfast	
8.30 – 10.00	Parallel sessions	
Session A (<u>Congress Hall, 8th floor</u>) – session on Numerical methods for level-set and eikonal equations – theory and applications – <i>chairman Jooyoung Hahn</i>		
8.30 – 9.00	L. Cohen - Fast marching and front propagation for image segmentation	
9.00 – 9.30	S. Tozza - Level-set method in Image Processing and 3D printing problems	
9.30 – 10.00	N. Požár - Level set method for the crystalline mean curvature flow with forcing	
Session B (Blue Hall, 7th floor) – session on Numerical methods for convection-dominated problems – <i>chairman</i> Volker John		
8.30 – 9.00	P. Knobloch - Algebraic stabilizations of convection-diffusion problems and their convergence on general meshes	
9.00 – 9.30	M. P. Bruchhäuser - Investigation of the dual weighted residual method for convection-dominated problems	
9.30 – 10.00	H. Ranocha - Energy-preserving numerical methods for some dispersive shallow water models (Online)	
Session C (<u>Conference room, 11th floor</u>) – session on Advanced numerical methods for dissipative systems – chairman Maxime Herda		
8.30 – 9.00	M. Bessemoulin-Chatard - Discrete hypocoercivity for a nonlinear kinetic reaction model	
9.00 - 9.30	S. Lemaire - High-order polyhedral methods for eddy current testing simulation	
9.30 – 10.00	A. Zurek - Analysis of a numerical scheme for a nonlocal cross-diffusion system	
Session D (<u>Conference room, 5th floor</u>) – session on Computational methods and algorithms for biomedical applications – <i>chairman Jurjen Duintjer Tebbens</i>		
8.30 – 9.00	E. Friedmann - Pharmacological models and numerical algorithms for the refinement of therapeutic approaches for retinal diseases	
9.00 – 9.30	M. Pires - Localized numerical stabilization based on conformation tensor spectrum for viscoelastic fluids flows simulations	
9.30 – 10.00	M. Kyed - Unconstrained steady motion of a droplet in a two-phase flow	
10.00 – 10.30	Coffee break (8th floor)	
10.30 – 12.00	Parallel sessions	
Session A (Congress Hall, 8th floor) – session on Numerical methods for level-set and eikonal equations – theory and applications – chairman Karol Mikula		
10.30 – 11.00	J. Hahn - Eikonal boundary condition for level set method	
11.00 – 11.30	M. Macák - Earth gravity field modelling by using eikonal type boundary condition	

S. Potter - Jet marching on unstructured meshes: algorithms and applications

11.30 - 12.00

Session B (<u>Blue Hall, 7th floor</u>) – session on Numerical methods for convection-dominated problems – <i>chairman Petr Knobloch</i>		
10.30 – 11.00	V. John - On using machine learning techniques for the numerical solution of convection-diffusion problems	
11.00 – 11.30	M. Vohralík - Guaranteed and robust L2-norm a posteriori error estimates for 1D linear advection(reaction) problems	
11.30 – 12.00	J. Novo - Second order bounds in time for POD-ROM methods for the Navier-Stokes equations	
Session C (<u>Conference room, 11th floor</u>) – session on Advanced numerical methods for dissipative systems – chairman Simon Lemaire		
10.30 – 11.00	H. Mizerová - Convergent numerical schemes for compressible fluid flow models	
11.00 – 11.30	J. Moatti - An arbitrary-order entropic method for structure-preserving approximations of advection-diffusion	
11.30 – 12.00	S. Bonetti - Numerical modeling of wave propagation phenomena in thermo-poroelastic media via discontinuous Galerkin methods	
	ence room, 5th floor) – session on Computational methods and algorithms for biomedical irman Elfriede Friedmann	
10.30 - 11.00	J. D. Tebbens - Oscillations in diffusion-drivsen gene regulatory networks for nuclear receptors	
11.00 - 11.30	M. Zagórski - Formation of gene expression patterns in developing spinal cord	
11.30 – 12.00	T. Bodnár - On the estimation of blood hemolysis index from viscoelastic stretch model	
12.00 – 14.00	Lunch	
14.00 – 16.00	Parallel sessions	
Session A (<u>Congre</u> <i>Húska</i>	ss Hall, 8th floor) – session on Model and data-driven algorithms in imaging – chairman Martin	
14.00 – 14.30	V. Stergiopoulou - Inverse problems in microscopy: theory and application to different microscopy modalities	
14.30 – 15.00	M. Kollár - Mathematical models for the segmentation of protected habitats from satellite images in NaturaSat software	
15.00 – 15.30	S. A. Park - Segmentation-based cell tracking and its application to macrophage videos	
15.30 - 16.00	M. Lazzaretti - Off-the-grid regularisation for Poisson inverse problems	
	wi. Lazzaretti - Ori-the-grid regularisation for Poisson inverse problems	
Session B (Blue Ha	all, 7th floor) – session on New Trends in Model Order Reduction and Learning – <i>chairman Tizian</i>	
Wenzel	all, 7th floor) – session on New Trends in Model Order Reduction and Learning – chairman Tizian	
<i>Wenzel</i> 14.00 – 14.30	M. Ohlberger - Model reduction and learning for PDE constrained optimization	

Session C (<u>Conference room, 11th floor</u>) – session on Interface motion in complex systems – <i>chairman Shigetoshi</i> Yazaki		
14.00 - 14.30	M. Beneš - Mathematical modeling of freezing inception in a porous medium	
14.30 – 15.00	K. Tomoeda - A mathematical treatment of the bump structure of particle-laden flows with particle features	
15.00 – 15.30	P. Strachota - Numerical simulation of water freezing in a 3D container filled with glass beads	
15.30 – 16.00	M. Jex - Modeling of freezing/thawing front propagation in porous media by the method of finite elements	
16.00 – 16.30	Coffee break (8th floor)	
16.30 – 18.30	Parallel sessions	
Session A (<u>Congress Hall, 8th floor</u>) – session on Model and data-driven algorithms in imaging – <i>chairman Martin Húska</i>		
16.30 - 17.00	S. Crisci - A bilevel learning approach for blind deconvolution (Online)	
17.00 – 17.30	G. Franchini - Bilevel optimization with a no-reference image statistics based score-predictor loss	
17.30 – 18.00	M. Pragliola - Sparse recovery problem in a hierarchical Bayesian framework	
18.00 – 18.30	L. Ratti - Unrolling with microlocal corrections meets proximal operator learning: a hybrid regularization algorithm for Limited Angle Computed Tomography	
Session B (Blue Hall, 7th floor) – session on New Trends in Model Order Reduction and Learning – chairman Mario Ohlberger		
16.30 – 17.00	M. Nonino - ALE based MOR for transport dominated problems: calibration, optimization and regression	
17.00 – 17.30	H. Kleikamp - Be greedy and learn: efficient and certified algorithms for parametrized optimal control problems	
17.30 – 18.00	H. Mu - Piece-wise symplectic model reduction on quadratically embedded manifolds	
18.00 – 18.30	J. Nicodemus - Inferring passive realizations from frequency data via spectral factorization	
Session C (Conference room, 11th floor) – session on Interface motion in complex systems – chairman Michal Beneš		
16.30 – 17.00	Sh. Yazaki - Structure-preserving numerical scheme for interfacial equations	
17.00 – 17.30	J. F. Rabago - Obstacle detection in Stokes fluid flow using a novel shape optimization approach	
17.30 – 18.00	M. Kolář - On diffusion and transport mechanism on evolving space curves	
18:00 – 18:30	M. Narayanan - Applications of constrained forced curvature flow	
19.45 – 01.00	Conference dinner (<u>Halla Grande – 5th floor</u>) with Slovak food and wines, music and dancing	

Wednesday, March 20th

7.00 – 9.25	Breakfast
9.30 – 11.50	Plenary lectures (<u>Congress Hall, 8th floor</u>) – <i>chairman Mario Ohlberger and Alena Kopaničáková</i>
9.30 – 10.20	Gabriella Puppo - Large time steps for stiff balance laws
10.20 - 11.00	Coffee break (8th floor) and Check-out
11.00 – 11.50	Xue-Cheng Tai - PottsMGNet: A mathematical explanation of encoder-decoder based neural networks (Online)
12.00 – 13.00	Lunch
13.00 - 13.30	Conference bus departure