

| Time&Date | Monday (April 6) | Tuesday (April 7) | Wednesday (April 8) | Thursday (April 9) | Friday (April 10) | |
|-------------|---|------------------------------|--------------------------------|------------------------------|----------------------------|--|
| 7:30-8:30 | <i>Breakfast (60 minutes)</i> | | | | | |
| Chair | Lina Zhao | Peipei Lu | Simon Lemaire | Theophile Chaumont-Frelet | Pietro Zanotti | |
| 9:00-9:30 | Carsten Carstensen | Huazhong Tang | Shuyu Sun | Rong Tang | Ngoc Tien Tran | |
| 9:40-10:10 | Xuehai Huang | Omar Lakkis | Pietro Zanotti | Xiaoping Xie | Zuodong Wang | |
| 10:10-10:40 | <i>Coffee Break (within 30 minutes)</i> | | | | | |
| Chair | Lina Zhao | Peipei Lu | Simon Lemaire | Theophile Chaumont-Frelet | <i>Free Discussion</i> | |
| 10:40-11:10 | Yanping Chen | Natalia Kopteva | Eun-Jae Park | Pingbing Ming | | |
| 11:20-11:50 | Matteo Giacomini | Xiaoying Dai | Buyang Li | Andreas Rupp | | |
| 12:00-13:30 | <i>Lunch (90 minutes)</i> | | | | | |
| Chair | Shubin Fu | Zhaonan Dong | Lorenzo Mascotto | Rong Tang | <i>Free Discussion</i> | |
| 14:00-14:30 | Jiashun Hu | Theophile Chaumont-Frelet | Daniel Peterseim | Huangxin Chen | | |
| 14:40-15:10 | Simon Lemaire | Yin Yang | Xiaoli Li | Weifeng Qiu | | |
| 15:10-15:40 | <i>Coffee Break (within 30 minutes)</i> | | | | | |
| Chair | Shubin Fu | Zhaonan Dong | Lorenzo Mascotto | Rong Tang | | |
| 15:40-16:10 | Haijun Wu | Marcus Grote | Andreas Veerer | Shuonan Wu | | |
| 16:20-16:50 | Zhiwen Zhang | Chensong Zhang | Chupeng Ma | Lara Théallier | | |
| 17:00-17:30 | Free discussion | Lorenzo Mascotto | Yangshuai Wang | Free discussion | | |
| 17:30 | <i>Dinner (90 minutes)</i> | | <i>Banquet 18:00-20:00</i> | <i>Dinner (90 minutes)</i> | | |

April 6, 2026 - Monday

| Time | Name | Title |
|-------------|---|--|
| 7:30-8:30 | <i>Breakfast (60 minutes)</i> | |
| Chair | Lina Zhao City University of Hong Kong | |
| 9:00-9:30 | Carsten Carstensen Humboldt-Universität zu Berlin | Localisation of symmetric PDE eigenvalues |
| 9:40-10:10 | Xuehai Huang Shanghai University of Finance and Economics | Optimal and robust finite element methods for strain gradient elasticity |
| 10:10-10:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Lina Zhao City University of Hong Kong | |
| 10:40-11:10 | Yanping Chen Nanjing University of Posts and Telecommunications | Highly efficient and energy stable Multi-step SAV approaches for phase field models |
| 11:20-11:50 | Matteo Giacomini Universitat Politècnica de Catalunya | From HDG to NURBS-CutHDG: Exact Geometry Treatment in High-Fidelity Hybridisable Discontinuous Galerkin |
| 12:00-13:30 | <i>Lunch (90 minutes)</i> | |
| Chair | Shubin Fu Eastern Institute of Advanced Study | |
| 14:00-14:30 | Jiashun Hu The Hong Kong Polytechnic University | An ALE sliding interface method for fluid-structure interaction with a rotating rigid structure |
| 14:40-15:10 | Simon Lemaire INRIA | Maxwell compactness and polytopal methods |
| 15:10-15:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Shubin Fu Eastern Institute of Advanced Study | |
| 15:40-16:10 | Haijun Wu Nanjing University | Preasymptotic error estimates of higher-order EEM for the time-harmonic Maxwell equations with large wave number |
| 16:20-16:50 | Zhiwen Zhang The University of Hong Kong | Stochastic Interacting Particle Field Methods in the Computation of Chemotaxis and Haptotaxis PDEs |
| 17:00-17:30 | <i>Free Discussion</i> | |
| 17:30 | <i>Dinner (90 minutes)</i> | |

April 7, 2026 - Tuesday

| Time | Name | Title |
|-------------|---|--|
| 7:30-8:30 | <i>Breakfast (60 minutes)</i> | |
| Chair | Peipei Lu Soochow University | |
| 9:00-9:30 | Huazhong Tang Peking University | High-order Structure-Preserving Schemes for Special Relativistic Hydrodynamics |
| 9:40-10:10 | Omar Lakkis University of Sussex | Continuous and discontinuous Galerkin methods for elliptic problems in nondivergence form |
| 10:10-10:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Peipei Lu Soochow University | |
| 10:40-11:10 | Natalia Kopteva University of Limerick | A posteriori error estimates for layer solutions |
| 11:20-11:50 | Xiaoying Dai Chinese Academy of Sciences | Parallel orbital-updating method for electronic structure calculations and the related numerical analysis |
| 12:00-13:30 | <i>Lunch (90 minutes)</i> | |
| Chair | Zhaonan Dong French Institute for Research in Computer Science and Automation (INRIA) | |
| 14:00-14:30 | Theophile Chaumont-Frelet INRIA | A posteriori error estimation and adaptivity for the finite element discretization of second-order PDE problems set in unbounded domains |
| 14:40-15:10 | Yin Yang Xiangtan University | A hierarchical approach for multicontinuum homogenization in high contrast media |
| 15:10-15:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Zhaonan Dong French Institute for Research in Computer Science and Automation (INRIA) | |
| 15:40-16:10 | Marcus Grote University of Basel | Adaptive FEM with explicit time integration for the wave equation |
| 16:20-16:50 | Chensong Zhang Chinese Academy of Sciences | Learning-based Linear Solvers for Multiphysics Problems |
| 17:00-17:30 | Lorenzo Mascotto University of Milano Bicocca | A generalized Hessian-based error estimator for an IPDG formulation of the biharmonic problem in two dimensions |
| 17:30 | <i>Dinner (90 minutes)</i> | |

April 8, 2026 - Wednesday

| Time | Name | Title |
|-------------|--|--|
| 7:30-8:30 | <i>Breakfast (60 minutes)</i> | |
| Chair | Simon Lemaire INRIA | |
| 9:00-9:30 | Shuyu Sun Tongji University | Physics-Preserving Numerical Modeling for Fluid Flow in Porous Media: From Pore-Scale Dynamics to Field-Scale Multiphysics Applications |
| 9:40-10:10 | Pietro Zanotti University of Milan | Inf-sup theory for quasi-static poroelastic models |
| 10:10-10:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Simon Lemaire INRIA | |
| 10:40-11:10 | Eun-Jae Park Yonsei University | Staggered Raviart-Thomas DG methods on polygonal meshes |
| 11:20-11:50 | Buyang Li The Hong Kong Polytechnical University | Numerical analysis of PDE-driven surface evolution: Geometric flow, free boundary, fluid-structure interaction |
| 12:00-13:30 | <i>Lunch (90 minutes)</i> | |
| Chair | Lorenzo Mascotto University of Milano Bicocca | |
| 14:00-14:30 | Daniel Peterseim University of Augsburg | Metric-Driven Numerical Methods for Variational Eigenvalue Problems |
| 14:40-15:10 | Xiaoli Li Shandong University | Stability and error analysis of fully discrete original energy-dissipative and length-preserving scheme for the Landau-Lifshitz-Gilbert equation |
| 15:10-15:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Lorenzo Mascotto University of Milano Bicocca | |
| 15:40-16:10 | Andreas Veiser University of Milan | TBA |
| 16:20-16:50 | Chupeng Ma Great Bay University | Analysis of high-contrast Stokes interface problems with multiple subdomains |
| 17:00-17:30 | Yangshuai Wang National University of Singapore | Accelerating Crystalline Defect Simulations via Systematic Higher-Order Far-Field Boundary Conditions |
| 18:00-20:00 | <i>Banquet (120 minutes)</i> | |

April 9, 2026 - Thursday

| Time | Name | Title |
|-------------|--|--|
| 7:30-8:30 | <i>Breakfast (60 minutes)</i> | |
| Chair | Theophile Chaumont-Frelet INRIA | |
| 9:00-9:30 | Rong Tang The Hong Kong Polytechnic University | A Minimal-Deformation-Rate Framework for Surface Evolution: From Curvature Flows to Shape Optimization |
| 9:40-10:10 | Xiaoping Xie Sichuan University | A weak SPH method for parabolic partial differential equations |
| 10:10-10:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Theophile Chaumont-Frelet INRIA | |
| 10:40-11:10 | Pingbing Ming Chinese Academy of Sciences | Robust Finite Element Methods for Homogeneous and Heterogeneous Strain Gradient Elasticity |
| 11:20-11:50 | Andreas Rupp Saarland University | Arbitrary order approximations at constant cost for Timoshenko beam network models |
| 12:00-13:30 | <i>Lunch (90 minutes)</i> | |
| Chair | Rong Tang The Hong Kong Polytechnic University | |
| 14:00-14:30 | Huangxin Chen Xiamen University | Efficient and physics-preserving algorithms for flows in porous media |
| 14:40-15:10 | Weifeng Qiu City University of Hong Kong | Analysis of a finite element method for second order uniformly elliptic PDEs in non-divergence form |
| 15:10-15:40 | <i>Coffee Break (within 30 minutes)</i> | |
| Chair | Rong Tang The Hong Kong Polytechnic University | |
| 15:40-16:10 | Shuonan Wu Peking University | Upwind Finite Element Methods for General Convection-Diffusion Equations |
| 16:20-16:50 | Lara Théallier Humboldt-Universität zu Berlin | Nonconforming approximation of Ginzburg-Landau-type semilinearities |
| 17:00-17:30 | <i>Free Discussion</i> | |
| 17:30 | <i>Dinner (90 minutes)</i> | |

April 10, 2026 - Friday

| Time | Name | Title |
|--------------------|--|--|
| <i>7:30-8:30</i> | <i>Breakfast (60 minutes)</i> | |
| Chair | Pietro Zanotti University of Milan | |
| 9:00-9:30 | Ngoc Tien Tran University of Augsburg | Discrete duality relations in the error analysis of a hybridizable method for convex minimization problems |
| 9:40-10:10 | Zuodong Wang Eastern Institute of Advanced Study | An efficient mass-conservative and bound-preserving limiting technique and its application on the neutron transport equation |
| <i>10:10-10:40</i> | <i>Free Discussion</i> | |
| 10:40-11:10 | | |
| 11:20-11:50 | | |
| <i>12:00-13:30</i> | <i>Lunch (90 minutes)</i> | |
| 14:00-14:30 | <i>Free Discussion</i> | |
| 14:40-15:10 | | |
| <i>15:10-15:40</i> | | |
| 15:40-16:10 | | |
| 16:20-16:50 | | |
| 17:00-17:30 | | |
| <i>17:30</i> | <i>Dinner (90 minutes)</i> | |