

Sunday, August 23 2026

EASIAM 2026 - Programme at a glance | Day 0

MS minisymposium | **CT** contributed/student-chapter talks | **SPP** student paper prize | **Rm** (room): H Halla · S Sara · I Ilchul · M Mont Blanc | Detailed speakers and talk titles appear in the full programme.

16:00-20:00	Conference Registration
18:00-20:00	Welcome Reception <i>Room: I</i>

Monday, August 24 2026

EASIAM 2026 - Programme at a glance | Day 1

MS minisymposium | **CT** contributed/student-chapter talks | **SPP** student paper prize | **Rm** (room): H Halla · S Sara · I Ilchul · M Mont Blanc | Detailed speakers and talk titles appear in the full programme.

08:00-18:00	Conference Registration				
08:10-08:30	Opening Ceremony <i>Room: H</i> Welcome remarks: Tao Zhou (EASIAM president) · Carol S. Woodward (SIAM president) · Youngmok Jeon (KSIAM president) · Yunsung Choi (NIMS president)				
08:30-09:20	Plenary Lecture 1 - Shi Jin - Quantum Computations of nonlinear PDEs and the UnitaryLab Software <i>Room: H</i> <i>Chair: Tao Tang</i>				
09:20-09:50	Group Photo & Coffee Break				
09:50-11:10 5 parallel	MS06A H1 Locally Conserved and Structure-Preserving Numerical Algorithms for Partial Differential Equations <i>Organizer: Shuyu Sun</i>	MS32A H3 Uncertainty Quantification and Mathematical Foundations of Deep Learning: Recent Advances in Methods, Theory, and Applications <i>Organizer: Jiahua Jiang</i>	MS27A S1 Propagation, Patterns, and Spatiotemporal Heterogeneity in Reaction–Diffusion Models for Biology <i>Organizer: Xiaoqing He</i>	MS18A S2 Recent Advances in Computational Science with Machine Learning <i>Organizer: Seungchan Ko</i>	CT01 I1 High-Order and Structure-Preserving Numerical PDE Methods <i>Chair: Jaemin Shin</i>
11:10-11:20	Break				
11:20-12:40 5 parallel	MS06B H1 Locally Conserved and Structure-Preserving Numerical Algorithms for Partial Differential Equations <i>Organizer: Shuyu Sun</i>	MS32B H3 Uncertainty Quantification and Mathematical Foundations of Deep Learning: Recent Advances in Methods, Theory, and Applications <i>Organizer: Jiahua Jiang</i>	MS27B S1 Propagation, Patterns, and Spatiotemporal Heterogeneity in Reaction–Diffusion Models for Biology <i>Organizer: Xiaoqing He</i>	MS18B S2 Recent Advances in Computational Science with Machine Learning <i>Organizer: Seungchan Ko</i>	MS01 I1 Recent Progress in Partial Differential and Difference Equations <i>Organizer: Takiko Sasaki</i>
12:40-14:00	Lunch				
14:00-14:40	Invited Talk 1 - Te-Sheng Lin - Structure-Aware Scientific Machine Learning for Interface Problems <i>Room: H</i> <i>Chair: Matthew Lin</i>				
14:40-15:20	Invited Talk 2 - Zhenli Xu - Machine-Learning Interatomic Potentials for Long-Range Systems <i>Room: H</i> <i>Chair: Zhiwen Zhang</i>				
15:20-15:50	Coffee Break				
15:50-17:10 6 parallel	MS12A H1 Numerical PDEs for scientific machine learning and the vice versa <i>Organizer: Hyea Hyun Kim</i>	MS14A H3 New developments in numerical verification and analysis for nonlinear problems <i>Organizer: Tomoyuki Miyaji</i>	MS38A S1 Multiscale modeling and numerical methods for multiphysics materials <i>Organizer: Luchan Zhang</i>	MS03A S2 Numerical analysis and applications of nonlocal models <i>Organizer: Xiaobo Yin</i>	MS24A I1 High Order Numerical Methods: Design, Analysis, and Applications <i>Organizer: Xinghui Zhong</i>
17:10-17:20	Break				
17:20-18:40 5 parallel	MS12B H1 Numerical PDEs for scientific machine learning and the vice versa <i>Organizer: Hyea Hyun Kim</i>	MS14B H3 New developments in numerical verification and analysis for nonlinear problems <i>Organizer: Tomoyuki Miyaji</i>	MS38B S1 Multiscale modeling and numerical methods for multiphysics materials <i>Organizer: Luchan Zhang</i>	MS03B S2 Numerical analysis and applications of nonlocal models <i>Organizer: Xiaobo Yin</i>	MS24B I1 High Order Numerical Methods: Design, Analysis, and Applications <i>Organizer: Xinghui Zhong</i>

Tuesday, August 25 2026

EASIAM 2026 - Programme at a glance | Day 2

MS minisymposium | **CT** contributed/student-chapter talks | **SPP** student paper prize | **Rm** (room): H Halla · S Sara · I Ilchul · M Mont Blanc | Detailed speakers and talk titles appear in the full programme.

08:00-18:00	Conference Registration					
08:30-09:20	Plenary Lecture 2 - Carol S. Woodward - Adaptive Time Integration Methods, Software, and Applications <i>Room: H Chair: Ming-Chih Lai</i>					
09:20-09:50	Coffee Break					
09:50-11:10 5 parallel	MS21A H1 Recent developments in sampling methods, uncertainty quantification, and generative AI <i>Organizer: Zhiwen Zhang</i>	MS20A H3 Topological data analysis and machine learning <i>Organizer: Jae-Hun Jung</i>	MS15A S1 Numerical Methods for Semiconductor Device Simulation <i>Organizer: Donghang Zhang</i>	MS13 S2 Numerical Optimization and Related Applications <i>Organizer: Mei-Heng Yueh</i>	MS23 I1 Recent Advances in Modeling and Numerical Methods for Interface Problems <i>Organizer: Yu-Hau Tseng</i>	M
11:10-11:20	Break					
11:20-12:40 6 parallel	MS21B H1 Recent developments in sampling methods, uncertainty quantification, and generative AI <i>Organizer: Zhiwen Zhang</i>	MS20B H3 Topological data analysis and machine learning <i>Organizer: Jae-Hun Jung</i>	MS15B S1 Numerical Methods for Semiconductor Device Simulation <i>Organizer: Donghang Zhang</i>	MS08A S2 Recent advances in analysis and numerical methods for wave scattering problems <i>Organizer: Tao Yin</i>	MS19A I1 Recent Advances in Matrix Factorization: Theory and Algorithms <i>Organizer: Jie Meng</i>	CT04 M Mathematical Biology, Reaction Networks, and Collective Dynamics <i>Chair: Hyeongki Park</i>
12:40-14:00	Lunch					
14:00-14:40	Invited Talk 3 - Kenji Kajiwara - Geometric Shape Generation: Integrability, Artisticity and Mechanical Optimality <i>Room: H</i>					
14:40-15:20	Invited Talk 4 - Guanghui Hu - Towards extreme efficiency: numerical methods for PDEs in AI era <i>Room: H</i>					
15:20-15:50	Coffee Break					
15:50-17:10 6 parallel	MS10 H1 Modeling Health and Disease in the Age of AI <i>Organizer: Eunha Shim</i>	MS36 H3 Machine Learning Methods for Stochastic Dynamics <i>Organizer: Li Zeng</i>	CT02 S1 Kinetic Equations, Complex Fluids, and Vortex Dynamics <i>Chair: Jinwoo Jang</i>	MS08B S2 Recent advances in analysis and numerical methods for wave scattering problems <i>Organizer: Tao Yin</i>	MS19B I1 Recent Advances in Matrix Factorization: Theory and Algorithms <i>Organizer: Jie Meng</i>	CT-Student-Chapter A M Optimization, Optimal Transport, and Learning Dynamics <i>Chair: Yihao Xu</i>
17:10-17:20	Break					
17:20-18:40	Poster Session <i>Room: S</i>					
18:40 onward	Conference Banquet <i>Room: H</i>					

Wednesday, August 26 2026

EASIAM 2026 - Programme at a glance | Day 3

MS minisymposium | **CT** contributed/student-chapter talks | **SPP** student paper prize | **Rm** (room): H Halla · S Sara · I Ilchul · M Mont Blanc | Detailed speakers and talk titles appear in the full programme.

08:00-18:00	Conference Registration					
08:30-09:20	Plenary Lecture 3 - Myungjoo Kang - Deep Learning-Based Surface Reconstruction from Point Clouds <i>Room: H Chair: Hisashi Okamoto</i>					
09:20-09:50	Coffee Break					
09:50-11:10 6 parallel	MS04A H1 Dispersive PDEs: Modeling, Analysis and Numerical Simulations <i>Organizer: Yue Feng</i>	MS25A H3 Numerical Methods and Computational Modeling for Complex Physical Systems <i>Organizer: Shuo Zhang</i>	MS29A S1 Recent advances on kinetic theory and continuum mechanics <i>Organizer: Hiroshi Fujiwara</i>	MS31A S2 Low-Rank Tensor Approximation and Neural Sampling Methods for High-Dimensional Scientific Computing <i>Organizer: Kejun Tang</i>	CT07 I1 Data-Driven Geometry, Imaging, and Materials <i>Chair: Seungchul Lee</i>	CT-Student-Chapter B M Scientific Machine Learning and Data-Driven Inference <i>Chair: Jungmin LEE</i>
11:10-11:20	Break					
11:20-12:40 6 parallel	MS04B H1 Dispersive PDEs: Modeling, Analysis and Numerical Simulations <i>Organizer: Yue Feng</i>	MS25B H3 Numerical Methods and Computational Modeling for Complex Physical Systems <i>Organizer: Shuo Zhang</i>	MS29B S1 Recent advances on kinetic theory and continuum mechanics <i>Organizer: Hiroshi Fujiwara</i>	MS31B S2 Low-Rank Tensor Approximation and Neural Sampling Methods for High-Dimensional Scientific Computing <i>Organizer: Kejun Tang</i>	MS22 I1 Learning-Based Scientific Computation: Theory, Algorithms, and Applications <i>Organizer: Aiqing Zhu</i>	CT-Student-Chapter C M Mathematical Modeling and Numerical Methods for Dynamical Systems <i>Chair: Yuntong Huang</i>
12:40-14:00	Lunch					
14:00-14:40	Invited Talk 5 - Zhi Zhou - The Parareal Algorithm Revisited: Toward Parallel-in-Time Integration <i>Room: H</i>					
14:40-15:20	Invited Talk 6 - Mikyoung Lim - Direct and inverse problems for inclusions via layer potentials <i>Room: H</i>					
15:20-15:50	Coffee Break					
15:50-17:10 6 parallel	MS09A H1 Advances in Computational Mathematics and Machine Learning for Scientific Computing <i>Organizer: BingZe Lu</i>	MS28A H3 Geometric Shape Generation (I) <i>Organizer: Yoshiki Jikumaru</i>	MS39 S1 PINNs and AI Agents for Engineering Applications <i>Organizer: Hyunseok Oh</i>	MS30 S2 Non-linear Wave Phenomena: From Quantum Interactions to Stochastic and Transonic Flows <i>Organizer: Ying-Chieh Lin</i>	CT05 I1 Discrete Dynamics, Combinatorics, and Optimization <i>Chair: Youngjoon Hong</i>	CT-Student-Chapter D M Phylogenetic Networks and Topological Data Analysis <i>Chair: Shunsuke Maeda</i>
17:10-17:20	Break					
17:20-18:40 6 parallel	MS09B H1 Advances in Computational Mathematics and Machine Learning for Scientific Computing <i>Organizer: BingZe Lu</i>	MS28B H3 Geometric Shape Generation (I) <i>Organizer: Yoshiki Jikumaru</i>	MS26 S1 Bridging AI and Scientific Computing <i>Organizer: Cheng Yuan</i>	MS11 S2 Statistical Learning for Inverse Problem: Methodologies and Applications <i>Organizer: Hongqiao Wang</i>	MS17 I1 Verified and High-Performance Numerical Computation: Nonlinear Problems, Iterative Methods, and Matrix Multiplication Emulation <i>Organizer: Katsuhisa Ozaki</i>	CT-Student-Chapter E M Numerical Analysis, Linear Algebra, and Inverse Problems <i>Chair: CHENG Zilan</i>

Thursday, August 27 2026

EASIAM 2026 - Programme at a glance | Day 4

MS minisymposium | **CT** contributed/student-chapter talks | **SPP** student paper prize | **Rm** (room): H Halla · S Sara · I Ilchul · M Mont Blanc | Detailed speakers and talk titles appear in the full programme.

08:00-18:00	Conference Registration				
08:30-09:50 5 parallel	CT06 H1 Special Functions, Nonlocal Problems, and Wave Equations <i>Chair: Dongwook Shin</i>	MS02A H3 Recent Topics in Applied Mathematics and Computation <i>Organizer: Peter Chang-Yi Weng</i>	MS07A S1 Mathematics and AI for Scientific Computing <i>Organizer: Yuqing Li</i>	MS34 S2 High-Order Numerical Methods for Hyperbolic Conservation Laws <i>Organizer: Jiaxi Gu</i>	MS37 I1 Numerical Methods for Phase-Field Models: Advances, Challenges and Applications <i>Organizer: Chaoyu Quan</i>
09:50-10:20	Coffee Break				
10:20-11:40 5 parallel	MS05A H1 Recent Advances in AI for Scientific Computing <i>Organizer: Jinsil Lee</i>	MS02B H3 Recent Topics in Applied Mathematics and Computation <i>Organizer: Peter Chang-Yi Weng</i>	MS07B S1 Mathematics and AI for Scientific Computing <i>Organizer: Yuqing Li</i>	MS16A S2 Recent Advances in Numerical Shape and Topology Optimization Methods: From Theory to Practice <i>Organizer: Wei Gong</i>	MS35A I1 Fast Solvers for Multiphysics Problems <i>Organizer: Shihua Gong</i>
11:40-11:50	Break				
11:50-13:10 5 parallel	MS05B H1 Recent Advances in AI for Scientific Computing <i>Organizer: Jinsil Lee</i>	CT03 H3 Scientific Machine Learning for Differential Equations and Multiscale Computing <i>Chair: Jae-Hyuk Lim</i>	MS33 S1 Geometric Shape Generation (II) <i>Organizer: Joseph Cho</i>	MS16B S2 Recent Advances in Numerical Shape and Topology Optimization Methods: From Theory to Practice <i>Organizer: Wei Gong</i>	MS35B I1 Fast Solvers for Multiphysics Problems <i>Organizer: Chupeng Ma</i>
13:10-13:30	Closing & Awards <i>Room: H</i>				