At-a-Glance Schedule

Conference on Uncertainty Quantification

March 22–25, 2026 • Hyatt Regency Minneapolis, Minneapolis, Minnesota, U.S.

Online Program and Mobile App

Attendees are encouraged to view the Online Program Schedule:
https://www.siam.org/conferences-events/siam-conferences/uq26/program/program-abstracts/

The Mobile App and Online Program Schedule contain up-to-date information.
A searchable abstract document is also posted.

SIAM Events Mobile App

www.tripbuildermedia.com/apps/siam

Society for Industrial and Applied Mathematics
3600 Market Street, 6th Floor
Philadelphia, PA 19104-2688 U.S.
Telephone: +1-215-382-9800
Conference Email: meetings@siam.org • Conference Web: *www.siam.org/conferences-events*
Membership and Customer Service: (800) 447-7426 (U.S. and Canada) or +1-215-382-9800 (worldwide)
www.siam.org/conferences-events/siam-conferences/uq26

Saturday, March 21

4:00 p.m. – 6:00 p.m.
Registration
Nicollet Promenade - Main Level

Sunday, March 22

8:00 a.m. – 7:15 p.m.
Registration
Nicollet Promenade - Main Level

8:45 a.m. – 9:00 a.m.
Opening Remarks
Nicollet Ballroom - Main Level

9:00 a.m. – 9:45 a.m.
IP1 Denoising Diffusion Models: From Generative Modelling to Bayesian Computation
Arnaud Doucet, Google DeepMind, United Kingdom
Nicollet Ballroom - Main Level

9:30 a.m. – 5:30 p.m.
Exhibitor Hours
Northstar Ballroom - 2nd Level

9:45 a.m. – 10:30 a.m.
IP2 Non-intrusive Structural-Preserving Sequential Data Assimilation
Anne Gelb, Dartmouth College, U.S.
Nicollet Ballroom - Main Level

10:30 a.m. – 11:00 a.m.
Coffee Break
Northstar Ballroom - 2nd Level

11:00 a.m. – 1:00 p.m.
Concurrent Sessions
MT1 Diffusion Models for Inverse Problems: Theory and Application
Skyway - 2nd Level
MS1 Structure-informed Uncertainty Quantification in Machine Learning
Nicollet Ballroom - Main Level
MS2 Probabilistic Manifold Learning and Deep Embeddings for Uncertainty Quantification - Part I of III
Regency Room - 2nd Level
MS3 Gradient Flows for Uncertainty Quantification: New Algorithms and Applications - Part I of II
Mirage Room - 2nd Level
MS4 Advances in Digital Twin Calibration and Validation
Lakeshore B - Main Level
MS5 Deep Gaussian Process Surrogates
Lakeshore C - Main Level
MS6 Uncertainty Quantification and Data Assimilation in Complex Dynamical Systems - Part I of III
Minnehaha - 2nd Level
MS7 Theory and Simulation of Failure Probabilities and Rare Events - Part I of II
Greenway A - 2nd Level
MS8 Numerical Methods for PDEs under Uncertainty: Propagation, Inference, Optimal Control, and Optimization - Part I of III
Greenway B - 2nd Level
MS9 Structure-preserving Uncertainty Quantification - Part I of III
Greenway C - 2nd Level
MS10 Matrix and Tensor Computation Meets Uncertainty Quantification - Part I of III
Greenway D - 2nd Level
MS11 Innovations in Practical OED: Recent Advances in Methods and Applications - Part I of III
Greenway E - 2nd Level
MS12 Inverse Problems and Uncertainty Quantification in Biological Systems
Greenway F - 2nd Level
MS13 Uncertainty Quantification for Complex Engineering Systems with Machine Learning
Greenway G - 2nd Level
MS14 Numerical Methods for UQ in Earth Science - Part I of III
Greenway H - 2nd Level
MS15 Bridging Theory and Machine Learning for Improved Bayesian Filtering - Part I of II
Greenway I - 2nd Level
MS16 Model Reduction in Uncertainty Quantification - Part I of II
Greenway J - 2nd Level

1:00 p.m. – 2:30 p.m.
Lunch Break

2:30 p.m. – 4:30 p.m.
Concurrent Sessions
MT2 Conformal Prediction - An Introductory Tutorial and Recent Advances
Skyway - 2nd Level
MS17 Uncertainty Quantification in Artificial Intelligence and Machine Learning for Scientific Computing - Part I of II
Nicollet Ballroom - Main Level
MS18 Probabilistic Manifold Learning and Deep Embeddings for Uncertainty Quantification - Part II of III
Regency Room - 2nd Level
MS19 Gradient Flows for Uncertainty Quantification: New Algorithms and Applications - Part II of II
Mirage Room - 2nd Level
MS20 Recent Advances in Uncertainty Quantification for Scientific Machine Learning and Digital Twins - Part I of III
Lakeshore B - Main Level
MS21 Generative AI Surrogates, Efficient Sampling and Optimization for Uncertainty Quantification - Part I of II
Lakeshore C - Main Level
MS22 Uncertainty Quantification and Data Assimilation in Complex Dynamical Systems - Part II of III
Minnehaha - 2nd Level
MS23 Theory and Simulation of Failure Probabilities and Rare Events - Part II of II
Greenway A - 2nd Level
MS24 Numerical Methods for PDEs under Uncertainty: Propagation, Inference, Optimal Control, and Optimization - Part II of III
Greenway B - 2nd Level
MS25 Structure-preserving Uncertainty Quantification - Part II of III
Greenway C - 2nd Level
MS26 Matrix and Tensor Computation Meets Uncertainty Quantification - Part II of III
Greenway D - 2nd Level
MS27 Innovations in Practical OED: Recent Advances in Methods and Applications - Part II of III
Greenway E - 2nd Level
MS28 Inverse Problems and Uncertainty Quantification in Biological Systems - Part II of II
Greenway F - 2nd Level
MS29 UQ for Multiscale Modeling in Computational Chemistry - Part I of II
Greenway G - 2nd Level
MS30 Numerical Methods for UQ in Earth Science - Part II of III
Greenway H - 2nd Level
MS31 Bridging Theory and Machine Learning for Improved Bayesian Filtering - Part II of II
Greenway I - 2nd Level
MS32 Model Reduction in Uncertainty Quantification - Part II of II
Greenway J - 2nd Level

4:30 p.m. – 5:00 p.m.
Coffee Break
Northstar Ballroom - 2nd Level

5:00 p.m. – 7:00 p.m.
Concurrent Sessions
MS33 Uncertainty Quantification in Artificial Intelligence and Machine Learning for Scientific Computing - Part II of II
Nicollet Ballroom - Main Level
MS34 Probabilistic Manifold Learning and Deep Embeddings for Uncertainty Quantification - Part III of III
Regency Room - 2nd Level
MS35 Measure Flows for Inverse Problems and Machine Learning - Part I of III
Mirage Room - 2nd Level

Sunday, March 22

MS36 Recent Advances in Uncertainty Quantification for Scientific Machine Learning and Digital Twins - Part II of III
Lakeshore B - Main Level
MS37 Generative AI Surrogates, Efficient Sampling and Optimization for Uncertainty Quantification - Part II of II
Lakeshore C - Main Level
MS38 Dimensionality Reduction in Bayesian Analysis and Uncertainty Quantification
Skyway - 2nd Level
MS39 Uncertainty Quantification and Data Assimilation in Complex Dynamical Systems - Part III of III
Minnehaha - 2nd Level
MS40 Global Sensitivity Analysis and Interpretability of Black-box Models - Part I of II
Greenway A - 2nd Level
MS42 Structure-preserving Uncertainty Quantification - Part III of III
Greenway C - 2nd Level
MS43 Matrix and Tensor Computation Meets Uncertainty Quantification - Part III of III
Greenway D - 2nd Level
MS44 Innovations in Practical OED: Recent Advances in Methods and Applications - Part III of III
Greenway E - 2nd Level
MS45 Uncertainty Quantification at the Interface of Kinetic Theory and Applications
Greenway F - 2nd Level
MS46 UQ for Multiscale Modeling in Computational Chemistry - Part II of II
Greenway G - 2nd Level
MS47 Numerical Methods for UQ in Earth Science - Part III of III
Greenway H - 2nd Level
MS48 Generative AI for Data Assimilation - Part I of II
Greenway I - 2nd Level
MS49 Efficient Data-Driven Models for UQ and Optimization - Part I of II
Greenway J - 2nd Level
MS100 Adaptive Data Acquisition Methods In Scientific Machine Learning - Part I of III
Greenway B - 2nd Level

7:00 p.m. – 9:00 p.m.
Welcome Reception
Northstar Ballroom - 2nd Level

Monday, March 23

8:00 a.m. – 5:30 p.m.
Registration
Nicollet Promenade - Main Level

8:30 a.m. – 10:30 a.m.
Concurrent Sessions
MT3 Causal Reasoning in Generative Models for Artificial Intelligence
Skyway - 2nd Level
MS50 Uncertainty Quantification in Scientific Machine Learning: Surrogates, Algorithms, and Applications
Nicollet Ballroom - Main Level
MS51 UQ for Transformers & Transformers for UQ - Part I of II
Regency Room - 2nd Level
MS52 Measure Flows for Inverse Problems and Machine Learning - Part II of III
Mirage Room - 2nd Level
MS53 Recent Advances in Uncertainty Quantification for Scientific Machine Learning and Digital Twins - Part III of III
Lakeshore B - Main Level
MS54 Gaussian Processes for Uncertainty Quantification - Part I of II
Lakeshore C - Main Level
MS55 Scientific Machine Learning Methods and Applications for Inverse Problems and Data Assimilation - Part I of III
Minnehaha - 2nd Level
MS56 Global Sensitivity Analysis and Interpretability of Black-box Models - Part II of II
Greenway A - 2nd Level
MS57 Numerical Methods for Differential Equations with Random Inputs
Greenway B - 2nd Level
MS58 Efficient Sampling Strategies for High-Dimensional Problems
Greenway C - 2nd Level
MS59 Advancing Uncertainty Quantification Through Open-Source Software - Part I of II
Greenway D - 2nd Level
MS60 Optimal Experimental Design for Digital Twins - Part I of III
Greenway E - 2nd Level
MS61 Uncertainty and Sparsity in Inverse Problems in Imaging
Greenway F - 2nd Level
MS62 UQ for Personalized Cardiac Models - Part I of II
Greenway G - 2nd Level
MS63 Uncertainty Quantification for Nuclear Physics
Greenway H - 2nd Level
MS64 Generative AI for Data Assimilation - Part II of II
Greenway I - 2nd Level
MS65 Efficient Data-Driven Models for UQ and Optimization - Part II of II
Greenway J - 2nd Level

Monday, March 23

9:30 a.m. – 5:30 p.m.
Exhibitor Hours
Northstar Ballroom - 2nd Level

10:30 a.m. – 11:00 a.m.
Coffee Break
Northstar Ballroom - 2nd Level

11:00 a.m. – 11:45 a.m.
IP3 Optimal Sampling for Linear and Nonlinear Approximation
Anthony Nouy, Université de Nantes, France
Nicollet Ballroom - Main Level

11:45 a.m. – 12:30 p.m.
SP1 SIAG/Uncertainty Quantification Early Career Prize Lecture - Surrogate Modeling for Stochastic Simulators: A Trajectory-based Spectral Approach
Nora Lüthen, ETH Zurich, Switzerland
Nicollet Ballroom - Main Level

12:30 p.m. – 2:00 p.m.
Lunch Break

12:45 p.m. – 1:45 p.m.
PD1 Navigating Early Career Panel
Nicollet Ballroom - Main Level

2:00 p.m. – 4:00 p.m.
Concurrent Sessions
MS66 Generative Models for Scientific Computing: Trustworthiness, Physical Consistency, Computational Challenges, and Applications - Part I of II
Nicollet Ballroom - Main Level
MS67 UQ for Transformers & Transformers for UQ - Part II of II
Regency Room - 2nd Level
MS68 Measure Flows for Inverse Problems and Machine Learning - Part III of III
Mirage Room - 2nd Level
MS69 Recent Advances in Multifidelity Uncertainty Quantification - Part I of III
Lakeshore B - Main Level
MS70 Gaussian Processes for Uncertainty Quantification - Part II of II
Lakeshore C - Main Level
MS71 JUQ Invited Papers - Part I of II
Skyway - 2nd Level
MS72 Scientific Machine Learning Methods and Applications for Inverse Problems and Data Assimilation - Part II of III
Minnehaha - 2nd Level
MS73 Quantification and Prediction of Rare and Extreme Events - Part I of II
Greenway A - 2nd Level
MS74 Efficient and Scalable Algorithms for Uncertainty Quantification in Scientific Applications - Part I of II
Greenway B - 2nd Level

Monday, March 23

MS75 Structure-Exploiting Techniques for UQ and ML - Part I of II
Greenway C - 2nd Level
MS76 Advancing Uncertainty Quantification Through Open-Source Software - Part II of II
Greenway D - 2nd Level
MS77 Optimal Experimental Design for Digital Twins - Part II of III
Greenway E - 2nd Level
MS78 Bayesian Inverse Problems: Methods and Applications - Part I of II
Greenway F - 2nd Level
MS79 UQ for Personalized Cardiac Models - Part II of II
Greenway G - 2nd Level
MS80 Uncertainty Quantification in Astrodynamics - Part I of III
Greenway H - 2nd Level
MS81 Learning Dynamics with Evolving Uncertainty: Interplay of Bayesian Modeling, Transformers, and State-Space AI - Part I of III
Greenway I - 2nd Level
MS82 Data-driven Learning and Reduced Order Modeling of Interacting Particle Systems - Part I of II
Greenway J - 2nd Level

4:00 p.m. – 5:00 p.m.
PP1 Coffee Break and Poster Presentations
Northstar Ballroom - 2nd Level

5:00 p.m. – 7:00 p.m.
Concurrent Sessions
MS83 Generative Models for Scientific Computing: Trustworthiness, Physical Consistency, Computational Challenges, and Applications - Part II of II
Nicollet Ballroom - Main Level
MS84 In-context Learning for PDEs and Inverse Problems - Part I of III
Regency Room - 2nd Level
MS85 Does Conditioning Matter? Conditional Diffusion Models for Engineering and Scientific Problems in UQ
Mirage Room - 2nd Level
MS86 Recent Advances in Multifidelity Uncertainty Quantification - Part II of III
Lakeshore B - Main Level
MS87 Surrogates for Uncertainty Quantification with Stochastic Simulators - Part I of II
Lakeshore C - Main Level
MS88 JUQ Invited Papers - Part II of II
Skyway - 2nd Level
MS89 Scientific Machine Learning Methods and Applications for Inverse Problems and Data Assimilation - Part III of III
Minnehaha - 2nd Level
MS90 Quantification and Prediction of Rare and Extreme Events - Part II of II
Greenway A - 2nd Level

Monday, March 23

MS91 Efficient and Scalable Algorithms for Uncertainty Quantification in Scientific Applications - Part II of II
Greenway B - 2nd Level
MS92 Structure-Exploiting Techniques for UQ and ML - Part II of II
Greenway C - 2nd Level
MS93 Advances in MCMC Sampling Methods - Part I of III
Greenway D - 2nd Level
MS94 Optimal Experimental Design for Digital Twins - Part III of III
Greenway E - 2nd Level
MS95 Bayesian Inverse Problems: Methods and Applications - Part II of III
Greenway F - 2nd Level
MS96 Verification, Validation, and Uncertainty Quantification for Engineering Applications - Part I of III
Greenway G - 2nd Level
MS97 Uncertainty Quantification in Astrodynamics - Part II of III
Greenway H - 2nd Level
MS98 Learning Dynamics with Evolving Uncertainty: Interplay of Bayesian Modeling, Transformers, and State-Space AI - Part II of III
Greenway I - 2nd Level
MS99 Data-driven Learning and Reduced Order Modeling of Interacting Particle Systems - Part II of II
Greenway J - 2nd Level

7:00 p.m. – 8:30 p.m.
JUQ Editorial Board Meeting
Lakeshore A - Main Level

7:15 p.m. – 8:00 p.m.
Outreach Talk
Yuliya Gorb, National Science Foundation, U.S.
Nicollet Ballroom - Main Level

Tuesday, March 24

8:00 a.m. – 5:00 p.m.
Registration
Nicollet Promenade - Main Level

8:30 a.m. – 10:30 a.m.
Concurrent Sessions
MT4 Mathematical and Statistical Foundations of Global Sensitivity and Probabilistic Robustness Analyses
Skyway - 2nd Level
MS41 Numerical Methods for PDEs under Uncertainty: Propagation, Inference, Optimal Control, and Optimization - Part III of III
Nicollet Ballroom - Main Level

Tuesday, March 24

MS101 In-context Learning for PDEs and Inverse Problems - Part II of III
Regency Room - 2nd Level
MS102 Application of Flow-based Generative Models in Science - Part I of II
Mirage Room - 2nd Level
MS103 Recent Advances in Multifidelity Uncertainty Quantification - Part III of III
Lakeshore B - Main Level
MS104 Surrogates for Uncertainty Quantification with Stochastic Simulators - Part II of II
Lakeshore C - Main Level
MS105 Data Driven Inference, Reduction, and Estimation using Dynamical Models - Part I of III
Minnehaha - 2nd Level
MS106 Assessing and Quantifying Model-form Uncertainty and Model-form Error - Part I of III
Greenway A - 2nd Level
MS107 Uncertainty Quantification and Propagation in Transport Dominated PDEs - Part I of II
Greenway B - 2nd Level
MS108 Recent Developments in Statistical Methods for Uncertainty Quantification - Part I of III
Greenway C - 2nd Level
MS109 Advances in MCMC Sampling Methods - Part II of III
Greenway D - 2nd Level
MS110 Scientific Machine Learning Using Software-informed Priors - Part I of II
Greenway E - 2nd Level
MS111 Bayesian Inverse Problems: Methods and Applications- Part III of III
Greenway F - 2nd Level
MS112 Verification, Validation, and Uncertainty Quantification for Engineering Applications - Part II of III
Greenway G - 2nd Level
MS113 Uncertainty Quantification in Astrodynamics - Part III of III
Greenway H - 2nd Level
MS114 Learning Dynamics with Evolving Uncertainty: Interplay of Bayesian Modeling, Transformers, and State-Space AI - Part III of III
Greenway I - 2nd Level
MS115 Recent Advances in Reduction Modeling and Computation for Multiscale Problems - Part I of III
Greenway J - 2nd Level

9:30 a.m. – 5:30 p.m.
Exhibitor Hours
Northstar Ballroom - 2nd Level

10:30 a.m. – 11:00 a.m.
Coffee Break
Northstar Ballroom - 2nd Level

Tuesday, March 24

11:00 a.m. – 11:45 a.m.
IP4 NUTS for You: New Advances in No-U-Turn Samplers and the Future of Markov Chain Monte Carlo
Nawaf Bou-Rabee, Rutgers University–Camden and Flatiron Institute, U.S.
Nicollet Ballroom - Main Level

11:45 a.m. – 12:30 p.m.
IP5 The Role of Gaussian Markov Random Fields in Statistical Modeling and Scalable Bayesian Inference
Håvard Rue, King Abdullah University of Science and Technology (KAUST), Saudi Arabia
Nicollet Ballroom - Main Level

12:30 p.m. – 2:00 p.m.
Lunch Break

12:45 p.m. – 1:45 p.m.
SIAG/UQ Business Meeting
complimentary refreshments will be served
Nicollet Ballroom - Main Level

2:00 p.m. – 4:00 p.m.
Concurrent Sessions
MS116 Adaptive Data Acquisition Methods In Scientific Machine Learning - Part II of III
Nicollet Ballroom - Main Level
MS117 In-context Learning for PDEs and Inverse Problems - Part III of III
Regency Room - 2nd Level
MS118 Application of Flow-based Generative Models in Science - Part II of II
Mirage Room - 2nd Level
MS119 Uncertainty Quantification and Digital Twins for Earth Science - Part I of III
Lakeshore B - Main Level
MS120 Recent Advancements in Operator Estimation and Learning - Part I of III
Lakeshore C - Main Level
MS121 Computational Inference with High-level, Hierarchical, or Heterogeneous Models - Part I of II
Skyway - 2nd Level
MS122 Data Driven Inference, Reduction, and Estimation using Dynamical Models - Part II of III
Minnehaha - 2nd Level
MS123 Assessing and Quantifying Model-form Uncertainty and Model-form Error - Part II of III
Greenway A - 2nd Level
MS124 Uncertainty Quantification and Propagation in Transport Dominated PDEs - Part II of II
Greenway B - 2nd Level
MS125 Recent Developments in Statistical Methods for Uncertainty Quantification - Part II of III
Greenway C - 2nd Level
MS126 Advances in MCMC Sampling Methods - Part III of III
Greenway D - 2nd Level
MS127 Scientific Machine Learning Using Software-informed Priors - Part II of II
Greenway E - 2nd Level
MS128 Data-driven Inverse Problem Methods with Statistical and Operator Learning
Greenway F - 2nd Level
MS129 Verification, Validation, and Uncertainty Quantification for Engineering Applications - Part III of III
Greenway G - 2nd Level
MS130 Hybrid AI-Statistical Approaches for Environmental Spatio-Temporal Processes - Part I of II
Greenway H - 2nd Level
MS131 Generative and Data-Driven Approaches for Uncertainty Quantification in Complex Dynamical Systems
Greenway I - 2nd Level
MS132 Recent Advances in Reduction Modeling and Computation for Multiscale Problems - Part II of III
Greenway J - 2nd Level

4:00 p.m. – 4:30 p.m.
Coffee Break
Northstar Ballroom - 2nd Level

4:30 p.m. – 5:50 p.m.
Concurrent Sessions
CP1 Machine Learning and UQ - 1
Nicollet Ballroom - Main Level
CP2 Operator Learning and UQ
Regency Room - 2nd Level
CP3 Machine Learning and UQ - 2
Mirage Room - 2nd Level
CP4 Gaussian Processes
Lakeshore B - Main Level
CP5 Surrogate Models
Lakeshore C - Main Level
CP6 Mixed Topics - I
Skyway - 2nd Level
CP7 Score-Based Methods
Minnehaha - 2nd Level
CP8 Sensitivity Analysis
Greenway A - 2nd Level
CP9 UQ for PDEs - I
Greenway B - 2nd Level
CP10 UQ for PDEs - II
Greenway C - 2nd Level
CP11 Mixed Topics - II
Greenway D - 2nd Level
CP12 Optimal Experimental Design - I
Greenway E - 2nd Level
CP13 Optimal Experimental Design - II
Greenway F - 2nd Level
CP14 Applications - I
Greenway G - 2nd Level
CP15 Applications - II
Greenway H - 2nd Level
CP16 Data Assimilation
Greenway I - 2nd Level
CP17 Applied Statistics & Computer Experiments
Greenway J - 2nd Level

5:50 p.m. – 6:00 p.m.
Intermission

6:00 p.m. – 6:45 p.m.
IP6 30 Years of Uncertainty Quantification: The Evolution of UQ Methods, Example Applications, and Future Challenges
Laura P. Swiler, Retired (Sandia National Laboratories), U.S.
Nicollet Ballroom - Main Level

6:45 p.m. – 7:30 p.m.
PD2 Future Directions in UQ Panel
Nicollet Ballroom - Main Level

Wednesday, March 25

8:00 a.m. – 2:30 p.m.
Registration
Nicollet Promenade - Main Level

8:30 a.m. – 10:30 a.m.
Concurrent Sessions
MS133 Adaptive Data Acquisition Methods In Scientific Machine Learning - Part III of III
Nicollet Ballroom - Main Level
MS134 Data Efficient Learning - Part I of II
Regency Room - 2nd Level
MS135 Theory, Computational Methods, and Applications of Measure Transport for Uncertainty Quantification - Part I of II
Mirage Room - 2nd Level
MS136 Uncertainty Quantification and Digital Twins for Earth Science - Part II of III
Lakeshore B - Main Level
MS137 Recent Advancements in Operator Estimation and Learning - Part II of III
Lakeshore C - Main Level
MS138 Computational Inference with High-level, Hierarchical, or Heterogeneous Models - Part II of II
Skyway - 2nd Level
MS139 Data Driven Inference, Reduction, and Estimation using Dynamical Models - Part III of III
Minnehaha - 2nd Level
MS140 Assessing and Quantifying Model-form Uncertainty and Model-form Error - Part III of III
Greenway A - 2nd Level

Wednesday, March 25 Wednesday, March 25

MS141 Uncertainty Quantification for Complex Physical Systems and High-Dimensional Data - Part I of II
Greenway B - 2nd Level
MS142 Recent Developments in Statistical Methods for Uncertainty Quantification - Part III of III
Greenway C - 2nd Level
MS143 Software for Uncertainty Quantification - Part I of II
Greenway D - 2nd Level
MS144 Robust and Scalable Approaches to Bayesian Optimal Experimental Design - Part I of II
Greenway E - 2nd Level
MS145 Recent Advances in Inverse Methods for Complex Systems under Uncertainty - Part I of II
Greenway F - 2nd Level
MS146 Inference and Uncertainty Quantification in Mathematical Physiology and Medicine - Part I of II
Greenway G - 2nd Level
MS147 Hybrid AI-Statistical Approaches for Environmental Spatio-Temporal Processes
Greenway H - 2nd Level
MS148 Advances in Sequential Inference for Dynamical Systems - Part I of II
Greenway I - 2nd Level
MS149 Recent Advances in Reduction Modeling and Computation for Multiscale Problems - Part III of III
Greenway J - 2nd Level

9:30 a.m. – 12:30 p.m.
Exhibitor Hours
Northstar Ballroom - 2nd Level

10:30 a.m. – 11:00 a.m.
Coffee Break
Northstar Ballroom - 2nd Level

11:00 a.m. – 11:05 a.m.
Closing Remarks
Nicollet Ballroom - Main Level

11:05 a.m. – 11:50 a.m.
IP7 Quasi-Monte Carlo for Precision Oncology
Frances Y. Kuo, University of New South Wales, Australia
Nicollet Ballroom - Main Level

11:50 a.m. – 12:35 p.m.
IP8 The Many Lives of Gaussian Processes
David Ginsbourger, University of Bern, Switzerland
Nicollet Ballroom - Main Level

12:35 p.m. – 2:00 p.m.
Lunch Break

2:00 p.m. – 4:00 p.m.
Concurrent Sessions
MS150 Probabilistic Foundations for Language Models
Nicollet Ballroom - Main Level
MS151 Data Efficient Learning - Part II of II
Regency Room - 2nd Level
MS152 Theory, Computational Methods, and Applications of Measure Transport for Uncertainty Quantification - Part II of II
Mirage Room - 2nd Level
MS153 Uncertainty Quantification and Digital Twins for Earth Science - Part III of III
Lakeshore B - Main Level
MS154 Recent Advancements in Operator Estimation and Learning - Part III of III
Lakeshore C - Main Level
MS155 Uncertainty Quantification in Data Assimilation Methods
Minnehaha - 2nd Level
MS156 Dynamic Decisions under Uncertainty: Formulations, Algorithms, and Analysis
Greenway A - 2nd Level
MS157 Uncertainty Quantification for Complex Physical Systems and High-Dimensional Data - Part II of II
Greenway B - 2nd Level
MS158 Software for Uncertainty Quantification - Part II of II
Greenway D - 2nd Level
MS159 Robust and Scalable Approaches to Bayesian Optimal Experimental Design - Part II of II
Greenway E - 2nd Level
MS160 Recent Advances in Inverse Methods for Complex Systems under Uncertainty - Part II of II
Greenway F - 2nd Level
MS161 Inference and Uncertainty Quantification in Mathematical Physiology and Medicine - Part II of II
Greenway G - 2nd Level
MS162 Advanced UQ Approaches for Complex PDE and Coupled Systems
Greenway H - 2nd Level
MS163 Advances in Sequential Inference for Dynamical Systems - Part II of II
Greenway I - 2nd Level
MS164 Surrogate Modelling for Uncertainty Quantification in Computational Fluid Mechanics
Greenway J - 2nd Level

Abbreviation Key
CP = Contributed Presentation Session
IP = Invited Plenary Speaker
MS = Minisymposium
MT = Minitutorial
PD = Panel Discussion
PP = Poster Session
SP = Special Lecture

THANK YOU TO OUR SPONSORS!

SIAM and the Organizing Committee also wish to extend their thanks and appreciation to the U.S. National Science Foundation for their support.

Visit the Exhibitors!

SIAM

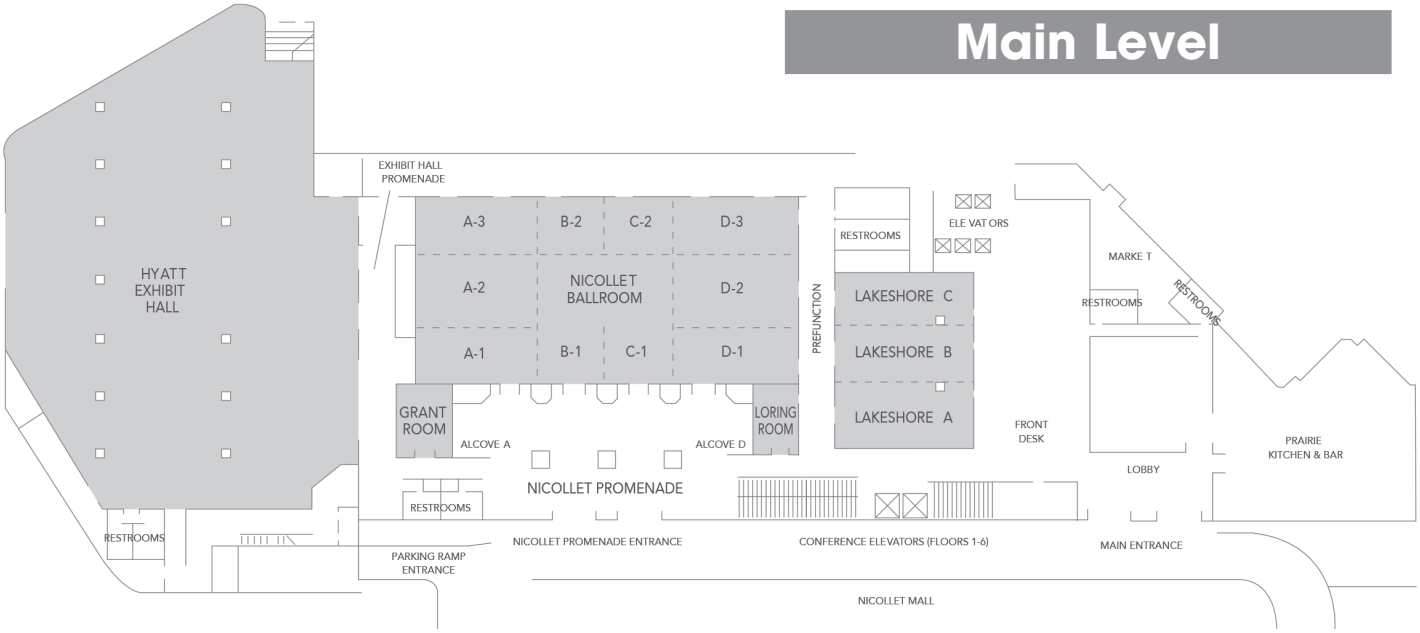
Stop by the SIAM Books Booth to browse the newest titles as well as backlist books and take advantage of the special conference discount. Thinking of writing a book? Stop by and chat with Elizabeth Greenspan or Kiara Hicks.

Springer Nature

Through our leading brands, trusted for more than 180 years, we provide technology-enabled products, platforms and services that help researchers to uncover new ideas and share their discoveries. We are proud to be part of progress and accelerate solutions to address the world's urgent challenges.

The Hyatt Regency Minneapolis Floor Plans

Main Level



Second Level