

## Schedule

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| <b>Mon, Jul 28</b> | <b>Session</b>                                                                                     |
|--------------------|----------------------------------------------------------------------------------------------------|
| 08:00—17:30        | Registration Desk Open (HH Lobby)                                                                  |
| 08:45—09:00        | Conference Opening (HH Auditorium)                                                                 |
| 09:00—10:00        | Plenary Talk by Rohan Sawhney (HH Auditorium)                                                      |
| 10:00—10:30        | Coffee Break (HH Lobby)                                                                            |
| 10:30—12:30        | Stochastic Computation and Complexity, Part I (HH Auditorium)                                      |
| 10:30—12:30        | Domain Uncertainty Quantification (HH Ballroom)                                                    |
| 10:30—12:30        | Nested expectations: models and estimators, Part I (PH Auditorium)                                 |
| 10:30—12:30        | Hardware or Software for (Quasi-)Monte Carlo Algorithms, Part I (WH Auditorium)                    |
| 10:30-12:30        | Technical Session - Markov Chain Monte Carlo (HH Alumni Lounge)                                    |
| 12:30—14:00        | Lunch Break                                                                                        |
| 14:00—15:00        | Plenary Talk by Christiane Lemieux, U of Waterloo, Golden ratio nets and sequences (HH Auditorium) |
| 15:00—15:30        | Coffee Break (HH Lobby)                                                                            |
| 15:30—17:30        | Stochastic Computation and Complexity, Part II (HH Auditorium)                                     |
| 15:30—17:30        | Recent advances in optimization under uncertainty (HH Ballroom)                                    |
| 15:30—17:30        | Computational Methods for Low-discrepancy Sampling and Applications (PH Auditorium)                |
| 15:30—17:30        | Technical Session - Quasi-Monte Carlo, Part 1 (WH Auditorium)                                      |
| 15:30-17:30        | Technical Session - PDEs (HH Alumni Lounge)                                                        |
| 17:30-19:30        | Welcome Reception (HH Lobby)                                                                       |

| <b>Tue, Jul 29</b> | <b>Session</b>                                                                                                                                     |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30—17:30        | Registration Desk Open (HH Lobby)                                                                                                                  |
| 09:00—10:00        | Plenary Talk by Peter Glynn, Stanford U, Combining Simulation and Linear Algebra: COSIMLA (HH Auditorium)                                          |
| 10:00—10:30        | Coffee Break (HH Lobby)                                                                                                                            |
| 10:30—12:30        | Stochastic Computation and Complexity, Part III (HH Auditorium)                                                                                    |
| 10:30—12:30        | Next-generation optimal experimental design: theory, scalability, and real world impact: Part I (HH Ballroom)                                      |
| 10:30—12:30        | Heavy-tailed Sampling (PH Auditorium)                                                                                                              |
| 10:30—12:30        | Frontiers in (Quasi-)Monte Carlo and Markov Chain Monte Carlo Methods, Part I (WH Auditorium)                                                      |
| 10:30-12:30        | Technical Session - Bayesian Methods (HH Alumni Lounge)                                                                                            |
| 12:30—14:00        | Lunch Break                                                                                                                                        |
| 14:00—15:00        | Plenary Talk by Roshan Joseph, Georgia Institute of Technology, Sensitivity and Screening: From Monte Carlo to Experimental Design (HH Auditorium) |
| 15:00—15:30        | Coffee Break (HH Lobby)                                                                                                                            |
| 15:30—17:30        | Stochastic Computation and Complexity, Part IV (HH Auditorium)                                                                                     |
| 15:30—17:30        | Next-generation optimal experimental design: theory, scalability, and real world impact: Part II (HH Ballroom)                                     |
| 15:30—17:30        | Advances in Rare Events Simulation (PH Auditorium)                                                                                                 |
| 15:30—17:30        | Frontiers in (Quasi-)Monte Carlo and Markov Chain Monte Carlo Methods, Part II (WH Auditorium)                                                     |
| 15:30-17:30        | Technical Session - Quasi-Monte Carlo, Part 2 (HH Alumni Lounge)                                                                                   |
| 19:00-20:00        | Chicago White Sox vs. Philadelphia Phillies (must purchase tickets beforehand) (Meet in HH Lobby)                                                  |

| <b>Wed, Jul 30</b> | <b>Session</b>                                                                                                                               |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30—16:30        | Registration Desk Open (HH Lobby)                                                                                                            |
| 09:00—10:00        | Plenary Talk by Michaela Szölgyenyi, U of Klagenfurt, An optimal transport approach to quantifying model uncertainty of SDEs (HH Auditorium) |
| 10:00—10:30        | Coffee Break (HH Lobby)                                                                                                                      |
| 10:30—12:30        | Stochastic Computation and Complexity, Part V (HH Auditorium)                                                                                |
| 10:30—12:30        | Statistical Design of Experiments (HH Ballroom)                                                                                              |
| 10:30—12:30        | Advances in Adaptive Hamiltonian Monte Carlo (PH Auditorium)                                                                                 |
| 10:30—12:30        | Technical Session - Simulation (WH Auditorium)                                                                                               |
| 10:30-12:30        | Technical Session - Sampling (HH Alumni Lounge)                                                                                              |
| 12:30—14:00        | Lunch Break                                                                                                                                  |
| 14:00—16:00        | Stochastic Optimization (HH Auditorium)                                                                                                      |
| 14:00—16:00        | Recent Progress on Algorithmic Discrepancy Theory and Applications (HH Ballroom)                                                             |
| 14:00—16:00        | Monte Carlo Applications in High-performance Computing, Computer Graphics, and Computational Science (PH Auditorium)                         |
| 14:00—16:00        | Technical Session - Statistics (WH Auditorium)                                                                                               |
| 16:00-16:30        | Coffee Break (HH Lobby)                                                                                                                      |
| 18:00-20:30        | Conference Dinner (Bridgeport Art Center, 1200 W. 35th Street)                                                                               |

| <b>Thu, Jul 31</b> | <b>Session</b>                                                                                                                                             |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30—17:30        | Registration Desk Open (HH Lobby)                                                                                                                          |
| 09:00—10:00        | Plenary Talk by Uros Seljak, UC Berkeley, Gradient-Based MCMC Sampling: Methods and Optimization Strategies (HH Auditorium)                                |
| 10:00—10:30        | Coffee Break (HH Lobby)                                                                                                                                    |
| 10:30—12:30        | QMC and Applications Part I (HH Auditorium)                                                                                                                |
| 10:30—12:30        | Analysis of Langevin and Related Sampling Algorithms, Part I (HH Ballroom)                                                                                 |
| 10:30—12:30        | Nested expectations: models and estimators, Part II (PH Auditorium)                                                                                        |
| 10:30—12:30        | Technical Session - Finance (WH Auditorium)                                                                                                                |
| 10:30-12:30        | Technical Session - ML & Optimization (HH Alumni Lounge)                                                                                                   |
| 12:30—14:00        | Lunch Break                                                                                                                                                |
| 14:00—15:00        | Plenary Talk by Nicolas Chopin, Institut Polytechnique de Paris, Saddlepoint Monte Carlo and its application to exact ecological inference (HH Auditorium) |
| 15:00—15:30        | Coffee Break (HH Lobby)                                                                                                                                    |
| 15:30—17:30        | QMC and Applications Part II (HH Auditorium)                                                                                                               |
| 15:30—17:30        | Analysis of Langevin and Related Sampling Algorithms, Part II (HH Ballroom)                                                                                |
| 15:30—17:30        | Recent Advances in Stochastic Gradient Descent (PH Auditorium)                                                                                             |
| 15:30—17:30        | Technical Session - Sampling (WH Auditorium)                                                                                                               |
| 15:30-17:30        | Technical Session - SDEs (HH Alumni Lounge)                                                                                                                |
| 18:00-20:30        | Steering Committee Meeting (by invitation)                                                                                                                 |

| <b>Fri, Aug 1</b> | <b>Session</b>                                                                                |
|-------------------|-----------------------------------------------------------------------------------------------|
| 08:30—12:15       | Registration Desk Open (HH Lobby)                                                             |
| 09:00—11:00       | Forward and Inverse Problems for Stochastic Reaction Networks (HH Auditorium)                 |
| 09:00—11:00       | Hardware or Software for (Quasi-)Monte Carlo Algorithms, Part II (HH Ballroom)                |
| 09:00—11:00—      | Technical Session - Simulation (PH Auditorium)                                                |
| 09:00—11:00—      | Technical Session - Sampling (WH Auditorium)                                                  |
| 09:00—11:00       | Technical Session - Markov Chain Monte Carlo (HH Alumni Lounge)                               |
| 11:00-11:30       | Coffee Break (HH Lobby)                                                                       |
| 11:30-12:30—      | Plenary Talk by Veronika Ročková, U of Chicago, AI-Powered Bayesian Inference (HH Auditorium) |
| 12:30-12:45       | Closing Remarks (HH Auditorium)                                                               |



## Mon, Jul 28, 2025 – Morning

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|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 08:00–17:30  | Registration Desk Open, HH Lobby                                                                                                                          |                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                       |                                                                                                           |
| 08:45–09:00  | Conference Opening by Fred Hickernell, HH Auditorium                                                                                                      |                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                       |                                                                                                           |
| 9:00 – 10:00 | TBD<br><b>Plenary Talk: Rohan Sawhney</b> , p. ??      Chair: <i>TBD</i>                                                                                  |                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                       |                                                                                                           |
| 10:00–10:30  | Coffee Break, HH Lobby                                                                                                                                    |                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                       |                                                                                                           |
|              | HH Auditorium<br><b>Special Session</b><br>Stochastic Computation and Complexity, Part I p. 47<br>Chair: <i>TBD</i>                                       | HH Ballroom<br><b>Special Session</b><br>Domain Uncertainty Quantification p. 48<br>Chair: <i>TBD</i>                                                            | PH Auditorium<br><b>Special Session</b><br>Nested expectations: models and estimators, Part I p. 49<br>Chair: <i>TBD</i>          | WH Auditorium<br><b>Special Session</b><br>Hardware or Software for (Quasi-)Monte Carlo Algorithms, Part I p. 50<br>Chair: <i>TBD</i> | HH Alumni Lounge<br>Technical Session - Markov Chain Monte Carlo<br>Chair: <i>TBD</i>                     |
| 10:30–11:00  | <i>Andreas Neuenkirch</i> , A strong order 1.5 boundary preserving discretization scheme for scalar SDEs defined in a domain, p. 85                       | <i>André-Alexander Zepernick</i> , Domain UQ for stationary and time-dependent PDEs using QMC, p. 88                                                             | <i>Abdul Lateef Haji Ali</i> , An Adaptive Sampling Algorithm for Level-set Approximation, p. 91                                  | <i>Pieterjan Robbe</i> , Multilevel quasi-Monte Carlo without replications, p. 94                                                     | <i>Zhihao Wang</i> , Stereographic Multi-Try Metropolis Algorithms for Heavy-tailed Sampling, p. 174      |
| 11:00–11:30  | <i>Christopher Rauhögger</i> , An adaptive Milstein-type method for strong approximation of systems of SDEs with a discontinuous drift coefficient, p. 86 | <i>Carlos Jerez-Hanckes</i> , Domain Uncertainty Quantification for Electromagnetic Wave Scattering via First-Order Sparse Boundary Element Approximation, p. 89 | <i>Vinh Hoang</i> , Posterior-Free A-Optimal Bayesian Design of Experiments via Conditional Expectation, p. 92                    | <i>Irina-Beatrice Haas</i> , A nested Multilevel Monte Carlo framework for efficient simulations on FPGAs, p. 94                      | <i>Ruben Seyer</i> , Creating rejection-free samplers by rebalancing skew-balanced jump processes, p. 175 |
| 11:30–12:00  | <i>Verena Schwarz</i> , Strong order 1 adaptive approximation of jump-diffusion SDEs with discontinuous drift, p. 87                                      | <i>Jürgen Dölz</i> , Quantifying uncertainty in spectral clusterings: expectations for perturbed and incomplete data, p. 90                                      | <i>Vesa Kaarnioja</i> , QMC for Bayesian optimal experimental design with application to inverse problems governed by PDEs, p. 93 | <i>Mike Giles</i> , CUDA implementation of MLMC on NVIDIA GPUs, p. 95                                                                 | <i>Philippe Gagnon</i> , Theoretical guarantees for lifted samplers, p. 176                               |
| 12:00–12:30  | <i>Toni Karvonen</i> , Approximation in Hilbert spaces of the Gaussian and related analytic kernels, p. 87                                                | <i>Harri Hakula</i> , Model Problems for PDEs on Uncertain Domains, p. 91                                                                                        |                                                                                                                                   | <i>Chung Ming Loi</i> , Scalable and User-friendly QMC Sampling with UMBridge, p. 96                                                  |                                                                                                           |

## Mon, Jul 28, 2025 – Afternoon

|             |                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                 |                                                                                                                |                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 12:30–14:00 | Lunch Break, TBD                                                                                                                                       |                                                                                                                                   |                                                                                                                                                 |                                                                                                                |                                                                                                                        |
| 14:00–15:00 | HH Auditorium<br><b>Plenary Talk:</b> <i>Christiane Lemieux, U of Waterloo, Golden ratio nets and sequences</i> , p. 37      Chair: <i>Nathan Kirk</i> |                                                                                                                                   |                                                                                                                                                 |                                                                                                                |                                                                                                                        |
| 15:00–15:30 | Coffee Break, HH Lobby                                                                                                                                 |                                                                                                                                   |                                                                                                                                                 |                                                                                                                |                                                                                                                        |
|             | HH Auditorium<br><b>Special Session</b><br>Stochastic Computation and Complexity, Part II<br>p. 52<br>Chair: <i>TBD</i>                                | HH Ballroom<br><b>Special Session</b><br>Recent advances in optimization under uncertainty p. 53<br>Chair: <i>TBD</i>             | PH Auditorium<br><b>Special Session</b><br>Computational Methods for Low-discrepancy Sampling and Applications p. 54<br>Chair: <i>TBD</i>       | WH Auditorium<br>Technical Session - Quasi-Monte Carlo, Part 1<br>Chair: <i>TBD</i>                            | HH Alumni Lounge<br>Technical Session - PDEs<br>Chair: <i>TBD</i>                                                      |
| 15:30–16:00 | <i>Michael Gnewuch</i> , Optimality of deterministic and randomized QMC-cubatures on several scales of function spaces, p. 97                          | <i>Tapio Helin</i> , Stability of Expected Utility in Bayesian Optimal Experimental Design, p. 100                                | <i>François Clément</i> , Searching Permutations for Constructing Low-Discrepancy Point Sets and Investigating the Kritzingier Sequence, p. 103 | <i>Christian Weiss</i> , Halton Sequences, Scrambling and the Inverse Star-Discrepancy, p. 185                 | <i>Abdujabar Rasulov</i> , Monte Carlo method for the Spatially Homogenous Boltzmann equation, p. 209                  |
| 16:00–16:30 | <i>Kateryna Pozharska</i> , Optimal designs for function discretization and construction of tight frames, p. 98                                        | <i>Karina Koval</i> , Subspace accelerated measure transport methods for fast and scalable sequential experimental design, p. 101 | <i>Nathan Kirk</i> , Minimizing the Stein Discrepancy, p. 104                                                                                   | <i>Sifan Liu</i> , Transport Quasi-Monte Carlo, p. 186                                                         | <i>Miguel Alvarez</i> , A New Approach for Unbiased Estimation of Parameters of Partially Observed Diffusions, p. 210  |
| 16:30–17:00 | <i>Leszek Plaskota</i> , Complexity of approximating piecewise smooth functions in the presence of deterministic or random noise, p. 99                | <i>Johannes Milz</i> , Randomized quasi-Monte Carlo methods for risk-averse stochastic optimization, p. 102                       | <i>Makram Chahine</i> , Improving Efficiency of Sampling-based Motion Planning via Message-Passing Monte Carlo, p. 105                          | <i>Ambrose Emmett-Iwaniw</i> , Using Normalizing Flows for Efficient Quasi-Random Sampling for Copulas, p. 186 | <i>Håkon Hoel</i> , High-order adaptive methods for exit times of diffusion processes and reflected diffusions, p. 211 |
| 17:00–17:30 | <i>Larysa Matiukha</i> , The Quality of Lattice Sequences, p. 99                                                                                       | <i>Arved Bartuska</i> , Efficient expected information gain estimators based on the randomized quasi-Monte Carlo method, p. 103   | <i>Gregory Seljak</i> , An Empirical Evaluation of Robust Estimators for RQMC, p. 106                                                           | <i>Claude Hall</i> , Optimization of Kronecker Sequences, p. 187                                               | <i>Noufel Frikha</i> , On the convergence of the Euler-Maruyama scheme for McKean-Vlasov SDEs, p. 212                  |
| 17:30–19:30 | Welcome Reception, HH Lobby                                                                                                                            |                                                                                                                                   |                                                                                                                                                 |                                                                                                                |                                                                                                                        |

## Tue, Jul 29, 2025 – Morning

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|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 08:30–17:30 | Registration Desk Open, HH Lobby                                                                                                                                 |                                                                                                                                                                        |                                                                                                             |                                                                                                                                                        |                                                                                                                                    |
| 09:00–10:00 | HH Auditorium<br><b>Plenary Talk:</b> <i>Peter Glynn, Stanford U, Combining Simulation and Linear Algebra: COSIMLA</i> , p. 38      Chair: <i>Chang-Han Rhee</i> |                                                                                                                                                                        |                                                                                                             |                                                                                                                                                        |                                                                                                                                    |
| 10:00–10:30 | Coffee Break, HH Lobby                                                                                                                                           |                                                                                                                                                                        |                                                                                                             |                                                                                                                                                        |                                                                                                                                    |
|             | HH Auditorium<br><b>Special Session</b><br>Stochastic Computation and Complexity, Part III<br>p. 56<br>Chair: <i>TBD</i>                                         | HH Ballroom<br><b>Special Session</b><br>Next-generation optimal experimental design: theory, scalability, and real world impact: Part I<br>p. 57<br>Chair: <i>TBD</i> | PH Auditorium<br><b>Special Session</b><br>Heavy-tailed Sampling<br>p. 59<br>Chair: <i>TBD</i>              | WH Auditorium<br><b>Special Session</b><br>Frontiers in (Quasi-)Monte Carlo and Markov Chain Monte Carlo Methods, Part I<br>p. 61<br>Chair: <i>TBD</i> | HH Alumni Lounge<br>Technical Session - Bayesian Methods<br>Chair: <i>TBD</i>                                                      |
| 10:30–11:00 | <i>Jean-François Chassagneux</i> , Computing the stationary measure of McKean-Vlasov SDEs, p. 107                                                                | <i>Xun Huan</i> , Optimal Pilot Sampling for Multi-fidelity Monte Carlo Methods, p. 110                                                                                | <i>erdogdu</i> , TBD, p. 114                                                                                | <i>Jonathan Weare</i> , TBD, p. 117                                                                                                                    | <i>Lorenzo Nagar</i> , Optimizing Generalized Hamiltonian Monte Carlo for Bayesian Inference applications, p. 177                  |
| 11:00–11:30 | <i>dos reis</i> , TBD, p. 108                                                                                                                                    | <i>Adrien Corenflos</i> , A recursive Monte Carlo approach to optimal Bayesian experimental design, p. 111                                                             | <i>Sebastiano Grazi</i> , Parallel computations for Metropolis Markov chains Based on Picard maps, p. 114   | <i>Nikhil Bansal</i> , Randomized QMC Methods via Combinatorial Discrepancy, p. 118                                                                    | <i>Hamza Ruzaygat</i> , Bayesian Anomaly Detection in Variable-Order and Variable-Diffusivity Fractional Mediums, p. 179           |
| 11:30–12:00 | <i>Noufel Frikha</i> , On the convergence of the Euler-Maruyama scheme for McKean-Vlasov SDEs, p. 108                                                            | <i>Ayoub Belhadji</i> , Weighted quantization using MMD: From mean field to mean shift via gradient flows, p. 112                                                      | <i>Federica Milinanni</i> , A large deviation principle for Metropolis-Hastings sampling, p. 115            | <i>Michael Mascagni</i> , The Walk on Spheres Monte Carlo Algorithm for Solving Partial Differential Equations, p. 119                                 | <i>Arghya Datta</i> , Theoretical Guarantees of Mean Field Variational Inference for Bayesian Principal Component Analysis, p. 180 |
| 12:00–12:30 | <i>Sotirios Sabanis</i> , Wasserstein Convergence of Score-based Generative Models under Semiconvexity and Discontinuous Gradients, p. 109                       | <i>Steven Damelin</i> , On energy, discrepancy, group invariant measures, alignment of neural data and Whitney extensions, p. 113                                      | <i>Xingyu Wang</i> , Sharp Characterization and Control of Global Dynamics of SGDs with Heavy Tails, p. 116 | <i>Hwanwoo Kim</i> , Enhancing Gaussian Process Surrogates for Optimization and Posterior Approximation via Random Exploration, p. 120                 | <i>Jimmy Lederman</i> , Bayesian Analysis of Latent Underdispersion Using Discrete Order Statistics, p. 181                        |

## Tue, Jul 29, 2025 – Afternoon

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|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 12:30–14:00 | Lunch Break, TBD                                                                                                                                                                                     |                                                                                                                                                                         |                                                                                                                                                                        |                                                                                                                                                      |                                                                                                                                |
| 14:00–15:00 | HH Auditorium<br><b>Plenary Talk:</b> <i>Roshan Joseph, Georgia Institute of Technology, Sensitivity and Screening: From Monte Carlo to Experimental Design</i> , p. 39      Chair: <i>Simon Mak</i> |                                                                                                                                                                         |                                                                                                                                                                        |                                                                                                                                                      |                                                                                                                                |
| 15:00–15:30 | Coffee Break, HH Lobby                                                                                                                                                                               |                                                                                                                                                                         |                                                                                                                                                                        |                                                                                                                                                      |                                                                                                                                |
|             | HH Auditorium<br><b>Special Session</b><br>Stochastic Computation and Complexity, Part IV<br>p. 62<br>Chair: <i>TBD</i>                                                                              | HH Ballroom<br><b>Special Session</b><br>Next-generation optimal experimental design: theory, scalability, and real world impact: Part II<br>p. 63<br>Chair: <i>TBD</i> | PH Auditorium<br><b>Special Session</b><br>Advances in Rare Events Simulation p. 65<br>Chair: <i>TBD</i>                                                               | WH Auditorium<br><b>Special Session</b><br>Frontiers in (Quasi-)Monte Carlo and Markov Chain Monte Carlo Methods, Part II p. 67<br>Chair: <i>TBD</i> | HH Alumni Lounge<br>Technical Session - Quasi-Monte Carlo, Part 2<br>Chair: <i>TBD</i>                                         |
| 15:30–16:00 | <i>Larisa Yaroslavtseva</i> , Optimal strong approximation of SDEs with Hölder continuous drift coefficient, p. 120                                                                                  | <i>Alen Alexanderian</i> , Goal Oriented Sensor Placement for Infinite-Dimensional Bayesian Inverse Problems, p. 123                                                    | <i>Victor Elvira</i> , Multiple Importance Sampling for Rare Event Simulation in Communication Systems, p. 126                                                         | <i>Takashi Goda</i> , Quasi-uniform quasi-Monte Carlo digital nets, p. 129                                                                           | <i>Peter Kritzer</i> , Approximation using median lattice algorithms, p. 188                                                   |
| 16:00–16:30 | <i>Gunther Leobacher</i> , Tractability of $L_2$ -approximation and integration in weighted Hermite spaces of finite smoothness, p. 121                                                              | <i>jacopo iollo</i> , Diffusion-Based Bayesian Experimental Design: Advancing BED for Practical Applications, p. 124                                                    | <i>Bruno Tuffin</i> , Asymptotic robustness of smooth functions of rare-event estimators, p. 126                                                                       | <i>isaacson</i> , TBD, p. 129                                                                                                                        | <i>Yang Liu</i> , Convergence Rates of Randomized Quasi-Monte Carlo Methods under Various Regularity Conditions, p. 189        |
| 16:30–17:00 | <i>Alexander Steinicke</i> , Malliavin differentiation of Lipschitz SDEs and BSDEs and an Application to Quadratic Forward-Backward SDEs, p. 122                                                     | <i>Tommie Catanach</i> , Robust Bayesian Optimal Experimental Design under Model Misspecification, p. 125                                                               | <i>Eya Ben Amar</i> , Importance Sampling Methods with Stochastic Differential Equations for the Estimation of the Right Tail of the CCDF of the Fade Duration, p. 127 | <i>Ziang Niu</i> , Boosting the inference for generative models by (Quasi-)Monte Carlo resampling, p. 130                                            | <i>Jakob Dilen</i> , Use of rank-1 lattices in the Fourier neural operator, p. 190                                             |
| 17:00–17:30 | <i>Fred J. Hickernell</i> , A Unified Treatment of Tractability for Approximation Problems Defined on Hilbert Spaces, p. 122                                                                         |                                                                                                                                                                         | <i>Shyam Mohan Subbiah Pillai</i> , Estimating rare event probabilities associated with McKean–Vlasov SDEs, p. 128                                                     | <i>Chenyang Zhong</i> , A hit and run approach for sampling and analyzing ranking models, p. 131                                                     | <i>Aadit Jain</i> , Investigating the Optimum RQMC Batch Size for Betting and Empirical Bernstein Confidence Intervals, p. 190 |
| 19:00–20:00 | Chicago White Sox vs. Philadelphia Phillies (must purchase tickets beforehand), Meet in HH Lobby                                                                                                     |                                                                                                                                                                         |                                                                                                                                                                        |                                                                                                                                                      |                                                                                                                                |



## Wed, Jul 30, 2025 – Morning

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|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30–16:30 | Registration Desk Open, HH Lobby                                                                                                                                                                       |                                                                                                                              |                                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                   |
| 09:00–10:00 | HH Auditorium<br><b>Plenary Talk:</b> <i>Michaela Szölgyenyi, U of Klagenfurt, An optimal transport approach to quantifying model uncertainty of SDEs</i> , p. 40      Chair: <i>Gunther Leobacher</i> |                                                                                                                              |                                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                   |
| 10:00–10:30 | Coffee Break, HH Lobby                                                                                                                                                                                 |                                                                                                                              |                                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                   |
|             | HH Auditorium<br><b>Special Session</b><br>Stochastic Computation and Complexity, Part V, p. 68<br>Chair: <i>TBD</i>                                                                                   | HH Ballroom<br><b>Special Session</b><br>Statistical Design of Experiments p. 69<br>Chair: <i>TBD</i>                        | PH Auditorium<br><b>Special Session</b><br>Advances in Adaptive Hamiltonian Monte Carlo p. 70<br>Chair: <i>TBD</i> | WH Auditorium<br>Technical Session - Simulation<br>Chair: <i>TBD</i>                                                                                                                  | HH Alumni Lounge<br>Technical Session - Sampling<br>Chair: <i>TBD</i>                                                                             |
| 10:30–11:00 | <i>Stefan Heinrich</i> , On the quantum complexity of parametric integration in Sobolev spaces, p. 131                                                                                                 | <i>Simon Mak</i> , Respecting the boundaries: Space-filling designs for surrogate modeling with boundary information, p. 134 | <i>Bob Carpenter</i> , GIST: Gibbs self-tuning for locally adapting Hamiltonian Monte Carlo, p. 137                | <i>Philippe Blondeel</i> , Combining quasi-Monte Carlo with Stochastic Optimal Control for Trajectory Optimization of Autonomous Vehicles in Mine Counter Measure Simulations, p. 219 | <i>Akash Sharma</i> , Sampling with constraints, p. 191                                                                                           |
| 11:00–11:30 | <i>Bernd Käßemodel</i> , Quantum Integration in Tensor Product Besov Spaces, p. 132                                                                                                                    | <i>Andrews Boehen</i> , Active Learning for Nonlinear Calibration, p. 135                                                    | <i>Nawaf Bou-Rabee</i> , Acceleration of the No-U-Turn Sampler, p. 138                                             | <i>Rino Persiani</i> , A Monte Carlo Approach to Designing a Novel Sample Holder for Enhanced UV-Vis Spectroscopy, p. 220                                                             | <i>Joonha Park</i> , Sampling from high-dimensional, multimodal distributions using automatically tuned, tempered Hamiltonian Monte Carlo, p. 192 |
| 11:30–12:00 | <i>Nikolaos Makras</i> , Taming the Interacting Particle Langevin Algorithm — The Superlinear Case, p. 133                                                                                             | <i>Qian Xiao</i> , Optimal design of experiments with quantitative-sequence factors, p. 135                                  | <i>Chirag Modi</i> , ATLAS: Adapting Trajectory Lengths and Step-Size for Hamiltonian Monte Carlo, p. 139          | <i>Prasanth Shyamsundar</i> , ARCANEReweighting: A technique to tackle the sign problem in the simulation of collider events in high energy physics, p. 221                           | <i>Arne Bouillon</i> , Localized consensus-based sampling for non-Gaussian distributions, p. 193                                                  |
| 12:00–12:30 | <i>Iosif Lytras</i> , Sampling with Langevin Dynamics from non-smooth and non-logconcave potentials., p. 133                                                                                           | <i>Chaofan Huang</i> , Factor Importance Ranking and Selection using Total Indices, p. 136                                   | <i>Trevor Campbell</i> , AutoStep: Locally adaptive involutive MCMC, p. 140                                        | <i>Nicole Aretz</i> , Multifidelity and Surrogate Modeling Approaches for Uncertainty Quantification in Ice Sheet Simulations, p. 221                                                 | <i>Alex Shkolnik</i> , Importance Sampling for Hawkes Processes, p. 194                                                                           |

## Wed, Jul 30, 2025 – Afternoon

|             |                                                                                                                                                                                  |                                                                                                                                                                        |                                                                                                                                                                                                                     |                                                                                                                                                                                                                               |  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 12:30–14:00 | Lunch Break, TBD                                                                                                                                                                 |                                                                                                                                                                        |                                                                                                                                                                                                                     |                                                                                                                                                                                                                               |  |
|             | <b>HH Auditorium</b><br><b>Special Session</b><br>Stochastic Optimization<br>p. <a href="#">72</a><br>Chair: <i>TBD</i>                                                          | <b>HH Ballroom</b><br><b>Special Session</b><br>Recent Progress on<br>Algorithmic<br>Discrepancy Theory<br>and Applications p. <a href="#">73</a><br>Chair: <i>TBD</i> | <b>PH Auditorium</b><br><b>Special Session</b><br>Monte Carlo<br>Applications in<br>High-performance<br>Computing, Computer<br>Graphics, and<br>Computational Science<br>p. <a href="#">74</a><br>Chair: <i>TBD</i> | <b>WH Auditorium</b><br>Technical Session -<br>Statistics<br>Chair: <i>TBD</i>                                                                                                                                                |  |
| 14:00–14:30 | <i>Raghu Bollapragada</i> ,<br>Monte Carlo Based<br>Adaptive Sampling<br>Approaches for<br>Stochastic<br>Optimization, p. <a href="#">141</a>                                    | <i>Haotian Jiang</i> ,<br>Algorithmic<br>Discrepancy Theory:<br>An Overview, p. <a href="#">143</a>                                                                    | <i>Arash Fahim</i> , Gaining<br>efficiency in Monte<br>Carlo policy gradient<br>methods for stochastic<br>optimal control, p. <a href="#">146</a>                                                                   | <i>Kazeem Adeleke</i> ,<br>Empirical Statistical<br>Comparative Analysis<br>of SNP Heritability<br>Estimators and<br>Gradient Boosting<br>Machines (GBM) Using<br>Genetic Data from the<br>UK Biobank, p. <a href="#">222</a> |  |
| 14:30–15:00 | <i>Raghu Pasupathy</i> ,<br>Interior-Point<br>Frank-Wolfe (IPFW)<br>for Linearly<br>Constrained Functional<br>Optimization Over<br>Probability Spaces,<br>p. <a href="#">141</a> | <i>Peng Zhang</i> , Improving<br>the Design of<br>Randomized<br>Experiments via<br>Discrepancy Theory,<br>p. <a href="#">144</a>                                       | <i>Sharanya Jayaraman</i> ,<br>Examining the Fault<br>Tolerance of<br>High-Performance<br>Monte Carlo<br>Applications through<br>Simulation, p. <a href="#">147</a>                                                 | <i>Carles Domingo-Enrich</i> ,<br>Cheap permutation<br>testing, p. <a href="#">223</a>                                                                                                                                        |  |
| 15:00–15:30 | <i>Shane Henderson</i> , A<br>New Convergence<br>Analysis of Two<br>Stochastic Frank-Wolfe<br>Algorithms, p. <a href="#">142</a>                                                 | <i>Aleksandar Nikolov</i> ,<br>Online Factorization for<br>Online Discrepancy<br>Minimization, p. <a href="#">145</a>                                                  | <i>sawahney</i> , TBD, p. <a href="#">148</a>                                                                                                                                                                       | <i>Christopher Draper</i> ,<br>Moving PCG beyond<br>LCGs, p. <a href="#">224</a>                                                                                                                                              |  |
| 15:30–16:00 | <i>Akshita Gupta</i> ,<br>Stochastic Gradient<br>with Testing<br>Functionals, p. <a href="#">143</a>                                                                             |                                                                                                                                                                        | <i>Silei Song</i> , WoS-NN:<br>Collaborating<br>Walk-on-Spheres with<br>Machine Learning to<br>Solve Elliptic PDEs,<br>p. <a href="#">148</a>                                                                       | <i>Yiming Xu</i> , Hybrid<br>least squares for<br>learning functions from<br>highly noisy data,<br>p. <a href="#">224</a>                                                                                                     |  |
| 16:00–16:30 | Coffee Break, HH Lobby                                                                                                                                                           |                                                                                                                                                                        |                                                                                                                                                                                                                     |                                                                                                                                                                                                                               |  |
| 18:00–20:30 | Conference Dinner, Bridgeport Art Center, 1200 W. 35th Street                                                                                                                    |                                                                                                                                                                        |                                                                                                                                                                                                                     |                                                                                                                                                                                                                               |  |

## Thu, Jul 31, 2025 – Morning

|             |                                                                                                                                                                             |                                                                                                                                  |                                                                                                                           |                                                                                                                                                            |                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 08:30–17:30 | Registration Desk Open, HH Lobby                                                                                                                                            |                                                                                                                                  |                                                                                                                           |                                                                                                                                                            |                                                                                                                                     |
| 09:00–10:00 | HH Auditorium<br><b>Plenary Talk:</b> <i>Uros Seljak, UC Berkeley, Gradient-Based MCMC Sampling: Methods and Optimization Strategies</i> , p. 41    Chair: <i>Tim Hobbs</i> |                                                                                                                                  |                                                                                                                           |                                                                                                                                                            |                                                                                                                                     |
| 10:00–10:30 | Coffee Break, HH Lobby                                                                                                                                                      |                                                                                                                                  |                                                                                                                           |                                                                                                                                                            |                                                                                                                                     |
|             | HH Auditorium<br><b>Special Session</b> QMC and Applications Part I<br>p. 75<br>Chair: <i>TBD</i>                                                                           | HH Ballroom<br><b>Special Session</b><br>Analysis of Langevin and Related Sampling Algorithms, Part I p. 76<br>Chair: <i>TBD</i> | PH Auditorium<br><b>Special Session</b><br>Nested expectations: models and estimators, Part II p. 77<br>Chair: <i>TBD</i> | WH Auditorium<br>Technical Session - Finance<br>Chair: <i>TBD</i>                                                                                          | HH Alumni Lounge<br>Technical Session - ML & Optimization<br>Chair: <i>TBD</i>                                                      |
| 10:30–11:00 | <i>Felix Bartel</i> , Exact discretization, tight frames and recovery via D-optimal designs, p. 149                                                                         | <i>Krishnakumar Balasubramanian</i> , Finite-Particle Convergence Rates for Stein Variational Gradient Descent, p. 152           | <i>Matteo Raviola</i> , Stochastic gradient with least-squares control variates, p. 156                                   | <i>Matyokub Bakoev</i> , The Stochastic Differential Equations of the Heston Model for Option Pricing, p. 198                                              | <i>Frédéric Blondeel</i> , Learning cooling strategies in simulated annealing through binary interactions, p. 212                   |
| 11:00–11:30 | <i>Mou Cai</i> , L2-approximation: using randomized lattice algorithms and QMC hyperinterpolation, p. 150                                                                   | <i>Lihan Wang</i> , Convergence rates of kinetic Langevin dynamics with weakly confining potentials, p. 153                      | <i>Philipp Guth</i> , A one-shot method for Bayesian optimal experimental design, p. 156                                  | <i>Leon Wilkosz</i> , Forward Propagation of Low Discrepancy Through McKean–Vlasov Dynamics: From QMC to MLQMC, p. 199                                     | <i>Du Ouyang</i> , Accuracy of Discretely Sampled Stochastic Policies in Continuous-Time Reinforcement Learning, p. 213             |
| 11:30–12:00 | <i>Zhijian He</i> , High-dimensional density estimation on unbounded domain, p. 151                                                                                         | <i>Peter Whalley</i> , Randomized Splitting Methods and Stochastic Gradient Algorithms, p. 154                                   | <i>Sara Pérez-Vieites</i> , Langevin-based strategies for nested particle filters, p. 157                                 | <i>Vincent Zhang</i> , Characterizing Efficacy of Geometric Brownian Motion Expectation-based Simulations on Low-Volatility American Common Stocks, p. 200 | <i>Wei Cai</i> , Martingale deep neural networks for quasi-linear PDEs and stochastic optimal controls in 10,000 dimensions, p. 214 |
| 12:00–12:30 | <i>Frances Y. Kuo</i> , Application of QMC to Oncology, p. 151                                                                                                              | <i>Xiaoou Cheng</i> , Delocalization of Bias in Unadjusted Hamiltonian Monte Carlo, p. 155                                       |                                                                                                                           | <i>Hao Quan</i> , Efficient Pricing for Variable Annuity via Simulation, p. 201                                                                            | <i>Yiqing Zhou</i> , Minimizing Functions with Sparse Samples: A Fast Interpolation Approach, p. 215                                |

## Thu, Jul 31, 2025 – Afternoon

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|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 12:30–14:00 | Lunch Break, TBD                                                                                                                                                                                                |                                                                                                                                   |                                                                                                                      |                                                                                                       |                                                                                                                                  |
| 14:00–15:00 | HH Auditorium<br><b>Plenary Talk:</b> <i>Nicolas Chopin, Institut Polytechnique de Paris, Saddlepoint Monte Carlo and its application to exact ecological inference</i> , p. 43      Chair: <i>Bruno Tuffin</i> |                                                                                                                                   |                                                                                                                      |                                                                                                       |                                                                                                                                  |
| 15:00–15:30 | Coffee Break, HH Lobby                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                      |                                                                                                       |                                                                                                                                  |
|             | HH Auditorium<br><b>Special Session QMC and Applications Part II</b> p. 78<br>Chair: <i>TBD</i>                                                                                                                 | HH Ballroom<br><b>Special Session</b><br>Analysis of Langevin and Related Sampling Algorithms, Part II p. 79<br>Chair: <i>TBD</i> | PH Auditorium<br><b>Special Session</b><br>Recent Advances in Stochastic Gradient Descent p. 80<br>Chair: <i>TBD</i> | WH Auditorium<br>Technical Session - Sampling<br>Chair: <i>TBD</i>                                    | HH Alumni Lounge<br>Technical Session - SDEs<br>Chair: <i>TBD</i>                                                                |
| 15:30–16:00 | <i>Dirk Nuyens</i> , Approximation of multivariate periodic functions, p. 158                                                                                                                                   | <i>Molei Tao</i> , Langevin-Based Sampling under Nonconvex Constraints, p. 160                                                    | <i>Jose Blanchet</i> , Inference for Stochastic Gradient Descent with Infinite Variance, p. 163                      | <i>Kun-Lin Kuo</i> , Revisiting the Gibbs Sampler: A Conditional Modeling Perspective, p. 195         | <i>Fabio Zoccolan</i> , Dynamical Low-Rank Approximation for SDEs: an interacting particle-system ROM, p. 206                    |
| 16:00–16:30 | <i>Art Owen</i> , Randomized QMC with one categorical variable, p. 158                                                                                                                                          | <i>Yifan Chen</i> , Convergence of Unadjusted Langevin in High Dimensions: Delocalization of Bias, p. 161                         | <i>Chang-Han Rhee</i> , Exit-Time Analysis of Stochastic Gradient Descent via Kesten's Recursion, p. 164             | <i>Sascha Holl</i> , Concatenation of Markov processes for Monte Carlo Integration, p. 195            | <i>Adrien Richou</i> , A probabilistic Numerical method for semi-linear elliptic Partial Differential Equations, p. 207          |
| 16:30–17:00 | <i>Zexin Pan</i> , QMC confidence intervals using quantiles of randomized nets, p. 159                                                                                                                          | <i>Fuzhong Zhou</i> , Entropy methods for the delocalization of bias in Langevin Monte Carlo, p. 162                              | <i>Jing Dong</i> , Stochastic Gradient Descent with Adaptive Data, p. 164                                            | <i>Josephine Westermann</i> , Polynomial approximation for efficient transport-based sampling, p. 196 | <i>Anke Wiese</i> , A Chen-Fliess series for stochastic differential equations driven by Lévy processes, p. 207                  |
| 17:00–17:30 | <i>Kosuke Suzuki</i> , Quasi-uniform quasi-Monte Carlo lattice point sets, p. 160                                                                                                                               | <i>Siddharth Mitra</i> , Convergence of $\Phi$ -Divergence and $\Phi$ -Mutual Information Along Langevin Markov Chains, p. 162    | <i>lovas</i> , TBD, p. 165                                                                                           | <i>Soumyadip Ghosh</i> , Fast Approximate Matrix Inversion via MCMC for Linear System Solvers, p. 197 | <i>Riccardo Saporiti</i> , Comparing Probabilistic Load Forecasters: Stochastic Differential Equations and Deep Learning, p. 208 |
| 18:00–20:30 | Steering Committee Meeting (by invitation), TBD                                                                                                                                                                 |                                                                                                                                   |                                                                                                                      |                                                                                                       |                                                                                                                                  |

## Fri, Aug 1, 2025

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| 08:30–12:15 | Registration Desk Open, HH Lobby                                                                                                                                          |                                                                                                                                                                     |                                                                                                                                                                                              |                                                                                                                               |                                                                                                                                                   |
|             | HH Auditorium<br><b>Special Session</b><br>Forward and Inverse Problems for Stochastic Reaction Networks<br>p. <a href="#">81</a><br>Chair: <i>TBD</i>                    | HH Ballroom<br><b>Special Session</b><br>Hardware or Software for (Quasi-)Monte Carlo Algorithms, Part II p. <a href="#">82</a><br>Chair: <i>TBD</i>                | PH Auditorium<br>Technical Session - Simulation<br>Chair: <i>TBD</i>                                                                                                                         | WH Auditorium<br>Technical Session - Sampling<br>Chair: <i>TBD</i>                                                            | HH Alumni Lounge<br>Technical Session - Markov Chain Monte Carlo<br>Chair: <i>TBD</i>                                                             |
| 09:00–09:30 | <i>Zhou Fang</i> , Fixed-budget simulation method for growing cell populations, p. <a href="#">165</a>                                                                    | <i>Niklas Baumgarten</i> , A High-performance Multi-level Monte Carlo Software for Full Field Estimates and Applications in Optimal Control, p. <a href="#">169</a> | <i>Yashveer Kumar</i> , Monte Carlo simulation approach to solve distributed order fractional mathematical model, p. <a href="#">182</a>                                                     | <i>Nicola Branchini</i> , Revisiting self-normalized importance sampling: new methods and diagnostics, p. <a href="#">202</a> | <i>Reuben Cohn-Gordon</i> , Gradient-based MCMC in high dimensions, p. <a href="#">215</a>                                                        |
| 09:30–10:00 | <i>Sophia Munker</i> , Dimensionality Reduction for Efficient Rare Event Estimation, p. <a href="#">166</a>                                                               | <i>Aleksei Sorokin</i> , Fast Gaussian Processes, p. <a href="#">170</a>                                                                                            | <i>Serena Fattori</i> , Benchmarking the Geant4-DNA 'UHDR' Example for Monte Carlo Simulation of pH Effects on Radiolytic Species Yields Using a Mesoscopic Approach, p. <a href="#">183</a> | <i>Daniel Yukimura</i> , Quantitative results on sampling from quasi-stationary distributions, p. <a href="#">203</a>         | <i>Philip Schaer</i> , Parallel Affine Transformation Tuning: Drastically Improving the Effectiveness of Slice Sampling, p. <a href="#">216</a>   |
| 10:00–10:30 | <i>Maksim Chupin</i> , Filtered Markovian Projection: Dimensionality Reduction in Filtering for Stochastic Reaction Networks, p. <a href="#">167</a>                      | <i>Johannes Krotz</i> , Hybrid Monte Carlo methods for kinetic transport, p. <a href="#">171</a>                                                                    | <i>Muhammad Noor ul Amin</i> , Adaptive Max-EWMA Control Chart with SVR: Monte Carlo Simulation for Run Length Analysis, p. <a href="#">184</a>                                              | <i>Toon Ingelaere</i> , Multilevel simulation of ensemble Kalman methods: interactions across levels, p. <a href="#">204</a>  | <i>Annabelle Carrell</i> , Low-Rank Thinning, p. <a href="#">217</a>                                                                              |
| 10:30–11:00 | <i>Muruhan Rathinam</i> , State and parameter inference in stochastic reaction networks, p. <a href="#">168</a>                                                           | <i>Joseph Farmer</i> , Flow-Based Monte Carlo Transport Simulation, p. <a href="#">172</a>                                                                          | <i>Chi-Ok Hwang</i> , First-passage-based Last-passage Algorithm for Charge Density on a Conducting Surface, p. <a href="#">184</a>                                                          | <i>Amit Subrahmanya</i> , Serial ensemble filtering with marginal coupling, p. <a href="#">205</a>                            | <i>Hongmei Chi</i> , Randomness in the quantum age: A Comparative Study of Classical and Quantum Random Number Generators, p. <a href="#">218</a> |
| 11:00–11:30 | Coffee Break, HH Lobby                                                                                                                                                    |                                                                                                                                                                     |                                                                                                                                                                                              |                                                                                                                               |                                                                                                                                                   |
| 11:30–12:30 | HH Auditorium<br><b>Plenary Talk:</b> <i>Veronika Ročková</i> , <i>U of Chicago</i> , <i>AI-Powered Bayesian Inference</i> , p. <a href="#">45</a> Chair: <i>Art Owen</i> |                                                                                                                                                                     |                                                                                                                                                                                              |                                                                                                                               |                                                                                                                                                   |
| 12:30–12:45 | Closing Remarks by Fred Hickernell, HH Auditorium                                                                                                                         |                                                                                                                                                                     |                                                                                                                                                                                              |                                                                                                                               |                                                                                                                                                   |