

| Mon, Jul 28 | Session |
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| 08:00–17:30 | Registration Desk Open (HH Lobby) |
| 08:45–09:00 | Opening Ceremony (HH Auditorium) |
| 09:00–10:00 | Plenary Talk by Rohan Sawhney, Nvidia Corporation, Monte Carlo Methods in Computer Graphics (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 (MTCC Commons) |
| 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 and SDEs (HH Alumni Lounge) |
| 17:30–19:30 | Welcome Reception (HH Lobby) |
| Tue, Jul 29 | Session |
| 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 (On your own) |
| 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) |
| 18:00–20:00 | Chicago White Sox vs. Philadelphia Phillies (must purchase tickets beforehand) (Meet in HH Lobby) |

| Wed, Jul 30 | Session |
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| 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 (On your own) |
| 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 Banquet (Bridgeport Art Center, 1200 W 35th Street) |

| Thu, Jul 31 | Session |
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| 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 (On your own) |
| 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) |
| 18:30–20:30 | Steering Committee Meeting (by invitation) (Mikami Izakaya & Ramen, 1400 S Michigan Ave) |

| Fri, Aug 1 | Session |
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| 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) |
| 12:30–12:40 | Closing Ceremony (HH Auditorium) |