

AN20 Industry At-a-Glance Calendar for Talks and Events

[Link to Full Program](#)

Session Time	Title (click for talk details)
Monday, July 6	
9:00 AM - 11:00 AM	MS3 Portfolio and Transaction Optimization
10:00 AM - 11:00 AM	MS4 Projection-Based Model Order Reduction for Partial Differential Equations - Part I of II
2:00 PM - 4:00 PM	MS9 Tutorial on Emerging Research Areas: Accessible Introductions to Recent Innovations
5:00 PM - 5:45 PM	IP2 Partial Differential Equations Meet Deep Learning: Old Solutions for New Problems and Vice Versa
Tuesday, July 7	
9:00 AM - 11:00 AM	PD1 Live Industry Panel: Career Opportunities & Experiences in Industry & Business
2:00 PM - 4:00 PM	PD2 Live Industry Panel: From Applied Mathematicians to Entrepreneurs
5:00 PM - 6:00 PM	MT1 Generalization Theory in Machine Learning
Wednesday, July 8	
9:00 AM - 11:00 AM	MS11 Control Problems in Natural Resource Management
9:00 AM - 11:00 AM	MS12 Insights from Phenotype and Age Structured Equations to Avoid Chemotherapeutic Drug Resistance
11:00 AM - 11:45 AM	JP1 Joint Speaker with the SIAM Conference on Imaging Science - Optimal Transport for Machine Learning
2:00 PM - 4:00 PM	MS18 The Intersection of Optimal Control and Machine Learning - Part I of III
Thursday, July 9	
9:00 AM - 11:00 AM	MS22 The Intersection of Optimal Control and Machine Learning - Part II of III
2:00 PM - 4:00 PM	MS23 AWM Workshop: Mathematics of Materials - Part II of II
2:00 PM - 4:00 PM	MS27 Learning Control for Tactical Autonomy
Friday, July 10	
9:00 AM - 11:00 AM	MS31 Nonlinear Approximation: Theory and Applications in Computational Mathematics - Part I of II
11:00 AM - 12:00 PM	SP3 John von Neumann Prize Lecture: Rational Functions
12:00 PM - 12:45 PM	IP7 Modeling and Analysis of Wave Structure Interactions
2:00 PM - 4:00 PM	MS37 Nonlinear Approximation: Theory and Applications in Computational Mathematics - Part II of II
Monday, July 13	
9:00 AM - 11:00 AM	MS39 Mathematical Modeling of Ocular Pharmacokinetics
5:00 PM - 5:45 PM	IP9 Elements of An Effective Ecosystem of Math Libraries for Exascale
Tuesday, July 14	
9:00 AM - 11:00 AM	MS46 Developing Workforce in 21st Century Applied Mathematics - Part I of II
9:00 AM - 11:00 AM	MS45 Advances in High-Performance Mathematical Software for Emerging Architectures - Part II of II
2:00 PM - 4:00 PM	MS50 Advances in High-Performance Mathematical Software for Emerging Architectures - Part I of II
2:00 PM - 4:00 PM	MS51 Multiscale Data Science Inspired by Biological and Physical Systems - Part I of II
Wednesday, July 15	
9:00 AM - 11:00 AM	MS54 Developing Workforce in 21st Century Applied Mathematics - Part II of II
9:00 AM - 11:00 AM	MS57 Portfolio Selection
2:00 PM - 4:00 PM	MS61 Machine Learning and in Silico Drug Discovery
2:00 PM - 4:00 PM	MS63 Multiscale Data Science Inspired by Biological and Physical Systems - Part II of II
5:00 PM - 5:45 PM	IP12 2020 CAIMS-Fields Industrial Mathematics Award: Geometric Variational Methods: A Jackhammer and a Dental Tool for Your Problem-Solving Needs
Thursday, July 16	
9:00 AM - 11:00 AM	MS68 The Mathematics of Sparse Recovery and Machine Learning - Part I of II
2:00 PM - 4:00 PM	MS69 Data-Driven Methods and Models
2:00 PM - 4:00 PM	MS71 Stochastic and Mean-Field Games
2:00 PM - 4:00 PM	MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II
Friday, July 17	
9:00 AM - 11:00 AM	MS74 Asymptotic Methods in Portfolio Optimization
9:00 AM - 11:00 AM	MS77 Systems Modeling with Academic and Biopharma Industry Applications - Part I of II
2:00 PM - 4:00 PM	MS81 Systems Modeling with Academic and Biopharma Industry Applications - Part II of II
2:00 PM - 4:00 PM	IP16 Computational Challenges in Game Theoretic Models for Energy Production & Cryptocurrency Mining