

## MOPTA 2023 Session Overview

Wednesday, August 16, 2023		RB 184	RB 85	RB 91	RB 241	RB 271
8:00-8:40am	Registration and Breakfast (RB 184)					
8:40-9:00am	Opening Session (RB 184)					
9:00-10:00am	Plenary Talk #1: Session Chair:	Omar Ghattas Xiu Yang				
10:00-10:15am	Coffee Break					
10:15-11:45am	Parallel Sessions Wed.1: Session Chairs:		Advances in Large-Scale Nonlinear Optimization I Albert S. Berahas	Conic Optimization: Theory and Applications Pouya Sampourmahani	Bilevel Stochastic Methods for Optimization and Learning Tommaso Giovannelli	Robust and Stochastic Optimization for Dynamic Decision Making Under Uncertainty Caleb Ju
11:45am-12:00pm	Coffee Break					
12:00-1:00pm	Plenary Talk #2: Session Chair:	Wotao Yin Frank E. Curtis				
1:00-2:00pm	Lunch Break (RB 291-293)					
2:00-3:30pm	Parallel Sessions Wed.2: Session Chairs:		Advances in Large-Scale Nonlinear Optimization II Albert S. Berahas	Quantum Computing and Optimization I M. Mohammadhossein Mohammadiashroudi and Zeguan Wu	Optimization for Data Science Mateo Díaz and Javier Peña	Advanced Decomposition and Hybrid Strategies for Optimization under Uncertainty Joshua Pulsipher
3:30-3:45pm	Coffee Break					
3:45-5:15pm	Parallel Sessions Wed.3: Session Chairs:		Special Topics in Derivative-free Optimization Yunsoo Ha	Tensor Optimization Mengqi Hu	First-Order Methods for Convex Optimization Javier Peña and Mateo Díaz	Optimization and Applications I Abdullah Konak
5:15-6:15pm	Poster Session (Rauch Atrium)					
6:30-8:30pm	Student Social (Packer House)					
Thursday, August 17, 2023		RB 184	RB 85	RB 91	RB 241	RB 271
8:00-8:30am	Registration and Breakfast (RB 184)					
8:30-9:30am	Plenary Talk #3: Session Chair:	Laura Albert Karmel S. Shehadeh				
9:30-9:45am	Coffee Break					
9:45-11:15am	Parallel Sessions Thu.1: Session Chairs:	AIMMS-MOPTA Competition Xiu Yang	Recent Advances in Frank-Wolfe-type Methods Xin Jiang	Applications of Optimization to Dynamical Systems Abraar Chaudhry	Learning for Optimization: Performance and Robustness Bartolomeo Stellato	Recent Advances in Stochastic Optimization Miaolan Xie
11:15-11:30am	Coffee Break					
11:30am-12:30pm	Plenary Talk #4: Session Chair:	Xiaodi Wu Tamás Terlaky				
12:30-1:30pm	Lunch Break (RB 291-293)					
1:30-3:00pm	Parallel Sessions Thu.2: Session Chairs:		Nonlinear and Stochastic Optimization Algorithms I Daniel P. Robinson	Quantum Computing and Optimization II Mohammadhossein Mohammadiashroudi	Optimization Algorithms for Adversarial Training Jiancong Xiao	Political Redistricting and Multi-Objective Optimization Brendan Ruskey
3:00-3:15pm	Coffee Break					
3:15-4:15pm	Plenary Talk #5: Session Chair:	Fatma Kiliç-Karzan Tommaso Giovannelli				
4:15-4:30pm	Coffee Break					
4:30-6:00pm	Parallel Sessions Thu.3: Session Chairs:		Nonlinear and Stochastic Optimization Algorithms II Xiaoyi Qu	Quantum Computing and Optimization III Mohammadhossein Mohammadiashroudi	Machine Learning and Discrete Optimization Mohammad Hesam Shaelaie	Fairness in Optimization Man Yiu Tsang
6:15-7:15pm	Cocktail Reception (Lamberton Hall)					
7:15-9:00pm	Conference Banquet (Lamberton Hall)					
Friday, August 18, 2023		RB 184	RB 85	RB 91	RB 241	RB 271
8:00-8:30am	Registration and Breakfast (RB 184)					
8:30-9:30am	Plenary Talk #6: Session Chair:	Stefanie Jegelka Ted K. Ralphs				
9:30-9:45am	Coffee Break					
9:45-11:15am	Parallel Sessions Fri.1: Session Chairs:		Bilevel Optimization Federico Battista	Advances in Mixed-Integer Programming and Max-Cut Problems Nimita Shinde	Advances in Nonconvex Optimization Wei Liu	Optimization and Applications II Tuyen Tran
11:15-11:30am	Coffee Break					
11:30am-1:00pm	Parallel Sessions Fri.2: Session Chairs:		Advances in Constrained Composite Optimization Dimitri Papadimitriou	Healthcare Optimization Mohammadhossein Mohammadiashroudi	Advances in Continuous Optimization for Learning Problems César A. Uribe	Optimization and Applications III Billy Jin
1:00-2:00pm	Lunch Break (RB 291-293)					
2:00-3:30pm	Plenary Talk #7/Schantz ISE-COH-HSE Session Chair:	Julie Ivy Luis Nunes Vicente & Ana I. Alexandrescu				
3:30-3:40pm	Closing Session (RB 184)					