Wednesday, August 7, 2019

9:30-10:00  Breakfast (catered at TTIC)
10:00-12:00  Talk session 1 (40 minute talks)
    10:00  Kevin Leyton-Brown - Heuristic Approaches to Algorithm Configuration: SMAC and Beyond
    10:40  Alexei Novikov - The Noise Collector for sparse recovery in high dimensions
    11:20  Brendan Lucier - Procrastinating with Confidence: Near-Optimal, Anytime, Adaptive Algorithm Configuration
12:00-1:30  Lunch (catered at TTIC)
1:30-3:00  Talk session 2 (40 minute talks)
    1:30  Csaba Szepesvari - Learning near-optimal hyperparameters with minimal overhead
    2:10  Vincent Conitzer - New Directions in Automated Mechanism Design
2:50-3:30  Break + tea
3:30-4:00  Talk session 3 (40 minute talks)
    3:30  Dan DeBlasio - Building an automated bioinformatician: More accurate transcript assembly using parameter advising
    4:10  Paul Medvedev - Estimating the k-mer size parameter for genome assembly
    4:50  Carl Kingsford - Learning network models automatically
5:30-6:30  Break
6:30  Optional group dinner at a nearby restaurant; depart TTIC at 6:30pm

Thursday, August 8, 2019

9:30-10:00  Breakfast (catered at TTIC)
10:00-12:00  Talk session 4 (40 minute talks)
    10:00  Tim Rougharden - Data-Driven Optimal Auction Theory
    10:40  Nina Balcan - Data-Driven Algorithm Selection
    11:20  Ellen Vitercik - Sample complexity of algorithm configuration for sequence alignment
12:00-1:30  Lunch (catered at TTIC)
1:30-3:00  Talk session 5 (40 minute talks)
    1:30  Tuomas Sandholm: Learning to Solve MIPs Faster: From Practice to Theory
    2:10  Bistra Dilkina
2:50-3:30  Break + tea
3:30-4:00  Talk session 6 (40 minute talks)
    3:30  Avrim Blum
    4:10  Maxime Gasse - Learning to branch in MILP solvers
4:50-5:15  Break
5:15-6:30  Open Questions
6:45  Optional group dinner at a nearby restaurant; depart TTIC at 6:45pm

Friday, August 9, 2019
9:30-10:00  Breakfast (catered at TTIC)
10:00-12:00  Talk session 7 (40 minute talks)
    10:00  Le Song - GLAD: Learning Sparse Graph Recovery
    10:40  Yisong Yue - Learning to Optimize as Policy Learning
    11:20  Charles Sutton
12:00-1:30  Lunch (catered at TTIC)
1:30-3:00  Talk session 8 (40 minute talks)
    1:30  Piotr Indyk
    2:10  Elias Khalil
2:50  Closing
3:00-3:30  Tea
3:30  End