AMCS Day
MacLean Hall, The University of Iowa
April 20, 2019

• 8:15–9:00 am, Room 3 MLH, Refreshments

• 9:00–9:04 am, Room 110 MLH, Weimin Han: Opening Remarks

• 9:04–10:40 am, Room 110 MLH, Student Research Presentations
  9:04–9:16 am, Iurii Bakach: Multi-trip Problem for Robot Delivery
    (Chair: Mingxiu Sui)
    (Chair: Iurii Bakach)
  9:28–9:40 am, Pake Melland: Visualizing High Dimensional Data with Diffusion Maps
    (Chair: Michael Kratochvil)
  9:40–9:52 am, Anh Nguyen: Laminar Origin of ECoG Data
    (Chair: Pake Melland)
  9:52–10:04 am, Hassan Rafique: Non-Convex Min-Max Optimization with Applications in Machine Learning
    (Chair: Anh Nguyen)
  10:04–10:16 am, Sara Reed: Use of Autonomous Vehicles in Urban Delivery
    (Chair: Hassan Rafique)
  10:16–10:28 am, Yanqing Shen: An Introduction to Gaussian Processes with Applications on Multifidelity Methods
    (Chair: Sara Reed)
  10:28–10:40 am, Mingxiu Sui: Finite Element Method for Stochastic Variational Inequalities
    (Chair: Yanqing Shen)

• 10:40–11:00 am, Room 3 MLH, Break and Refreshments

• 11:00 am–noon, Room 110 MLH, Panel Discussion of Career Opportunities
  Faculty Panelists: Weimin Han, Palle Jorgensen, Qihang Lin, John Manak,
  Vincent Rodgers, Sanvesh Srivastava, Gerhard Strohmer, Xueyu Zhu