SPRING 2023 GRADUATES AND NEWLY ADVANCED DOCTORAL CANDIDATES

UNIVERSITY OF MARYLAND 1856 · DEPARTMENT OF MATHEMATICS

PH.D GRADUATES

Applied Mathematics & Statistics, and Scientific Computation Program

KAYLA DAVIE

Dissertation:
Model Order Reduction for Parameter- Dependent Partial Differential Equations with Constraints
Advisor:
Dr. Howard Elman

CEM UNSAL

Dissertation:
Quantum Combinatorial Optimization Algorithms for Packing Problems in Classical Computing and Networking
Advisor:
Dr. Yavuz Oruc

LUKE EVANS

Dissertation:
Mahalanobis Diffusion Maps for Quantifying Rare Events: Theory and Application to Molecular Dynamics
Advisor:
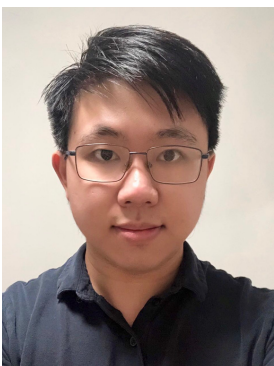Drs. Maria Cameron and Pratyush Tiwary

DAOCHEN WANG

Dissertation:
Quantum Speedups: Structure, Design, and Application
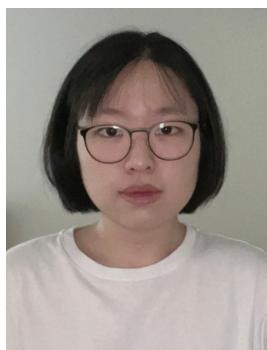Advisor:
Dr. Andrew Childs

JINGCHENG LU

Dissertation:
Swarm Dynamics: Flocking and Communication-Based Optimization
Advisor:
Dr. Eitan Tadmor

YI ZHOU

Dissertation:
Simulation Optimization: Efficient Selection and Dynamic Programming
Advisor:
Dr. Michael Fu

AVI SCHWARZSCHILD

Dissertation:
Deep Thinking Systems: Logical Extrapolation with Recurrent Neural Networks
Advisor:
Dr. Tom Goldstein

NEWLY ADVANCED CANDIDATES

Marco Bornstein
Ethan Dudley
Shuhan Kou
Ran Li
Binod Pant

Michael Rozowski
Max Springer
Shashank Sule
Ran Tao
Zuping Wang