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# Fall 2023

# - August 31

Speaker: Qiqing Yu (Binghamton University)

Title: An improved Algorithm for the Buckley-James estimator

Abstract

### Septermber 7

Speaker: Jia Zhao (Binghamton University)

Title: Discovery of Governing Equations with Recursive Deep Neural Networks

<u>Abstract</u>

# Septermber 14

Speaker: Zifan Huang (Binghamton University)

Title: Existence of the Buckley-James Estimate

**Abstract** 

## September 19

Speaker: Zengyan Zhang (Binghamton University)

Title: Structure-preserving Reduced-order Models for Thermodynamically Consistent PDEs

**Abstract** 

## Septermber 21

Speaker: Xinghai Zhang (Binghamton University)

Title: Proximal Learning for Individualized Treatment Regimes Under Unmeasured Confounding

**Abstract** 

### September 28

Speaker: Yangsheng Wang (Binghamton University)

Title: Neural networks for clustered and longitudinal data using mixed effects models

**Abstract** 

### October 5

Speaker: Jingze Liu (Binghamton University)

Title: High-dimensional Integration and Sampling with Normalizing Flows

Abstract

### October 12

Speaker: Baozhen Wang (Binghamton University)

Title: E-values: Calibration, combination and applications

<u>Abstract</u>

### October 19

No seminar

### October 26

Speaker: Anton Schick (Binghamton University)

Title: Efficient Density Estimation in an AR(1) Model

<u>Abstract</u>

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#### November 2

Speaker: Geran Zhao (Binghamton University)

Title: Denoising Diffusion Probabilistic Models

**Abstract** 

### November 9

Speaker: Zhou Wang (Binghamton University)

Title: Class-Conditional Conformal Prediction with Many Classes

Abstract

### November 16

Speaker: Wenshu Dai (Binghamton University)

Title: Logistic t-multinomial Clustering for Microbiome Data

**Abstract** 

#### November 23

No seminar

## November 30

Speaker: Praveen Niranda (Binghamton University)

Title: Network Reconstruction From High Dimensional Ordinary Differential Equations

<u>Abstract</u>

#### December 7

Speaker: Zhongyuan Zhao (Binghamton University)

Title: On Quasi-stationarity of the Shiryaev Recurrence in an Exponential Case

Abstract

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