

Organizer: [Aleksey S. Polunchenko](#)  
Email: [aleksey@math.binghamton.edu](mailto:aleksey@math.binghamton.edu)

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## Spring 2015

### ▪ **January 29**

Organizational meeting.

### ▪ **February 5**

*Speaker:* Xiaojie Du (Binghamton University)

*Topic:* Proof of Lindeberg's Central Limit Theorem

[Abstract](#)

### ▪ **February 12**

*Speaker:* Zhihan Lin (Binghamton University)

*Topic:* Proof of the non-existence of a fixed-sample-size fixed-width confidence interval for the unknown mean of a normal distribution with unknown variance

[Abstract](#)

### ▪ **February 19**

*Speaker:* Lishun Li (Binghamton University)

*Topic:* On a minimax property of the sample mean when the population is normally distributed

[Abstract](#)

### ▪ **February 26**

*Speaker:* Lin Yao (Binghamton University)

*Topic:* Proof of order-two asymptotic efficiency of the Chow-Robbins sequential procedure to construct a fixed-width confidence interval for the unknown mean of a normal distribution with unknown variance

[Abstract](#)

### ▪ **March 5 (DEFENSE)**

*Speaker:* Wenyu Du (Binghamton University)

*Topic:* Accurate and efficient numerical performance evaluation of the Generalized Shiryaev-Roberts procedure for quickest change-point detection

[Abstract](#)

### ▪ **March 12**

*Speaker:* Heng Yang (Graduate Center, City University of New York)

*Topic:* Simultaneous detection and identification with post-change uncertainty

[Abstract](#)

### ▪ **March 19**

*Speaker:* Bo Yan (Binghamton University)

*Topic:* A numerical method to evaluate the performance of the Chow-Robbins sequential estimation procedure

[Abstract](#)

### ▪ **March 26**

*Speaker:* Fangfang Wang (University of Illinois at Chicago)

*Topic:* Realized periodogram-based estimation of integrated volatility in the presence of microstructure noise

[Abstract](#)

▪ **April 2**

*Speaker:* Mary Lowry (Binghamton University)

*Topic:* Stein's two-stage estimation procedure: A case study

[Abstract](#)

▪ **April 9**

*No seminar:* Spring Recess

▪ **April 16**

*Speaker:* Ruiqi Liu (Binghamton University)

*Topic:* Density estimation for power transformations—Paper Discussion

[Abstract](#)

▪ **April 23**

*Seminar moved to Friday, April 24 (see below)*

▪ **April 24 (CANCELED)**

*Speaker:* Yifan Xu (Case Western Reserve University)

*Topic:* Fast clustering using adaptive density peak detection

[Abstract](#)

▪ **April 30**

*Speaker:* Zuofeng Shang (Purdue University)

*Topic:* A Bayesian splitotic theory for nonparametric models

[Abstract](#)

▪ **May 7**

*Speaker:* [Aleksey S. Polunchenko](#) (Binghamton University)

*Topic:* Analytic formulae for the performance of the Generalized Shiryaev-Roberts change-point detection procedure under exponential data

[Abstract](#)

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