

Organizer: [Aleksey S. Polunchenko](#)
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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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