



# Texas Tech University

## Mathematics and Statistics

### Seminars & Colloquia

October 1<sup>st</sup> – October 5<sup>th</sup>

**SIAM Colloquium:**

**Xiaoqian Sun, PhD**

**Clemson University**

**“On High-Dimensional Covariance Matrix Estimation and Hypothesis Testing”**

Thursday, October 4, 2018 at 3:30 p.m. in CHEM 113

Refreshments will be served in Math 238 at 3:00 p.m.

#### **Monday – October 1<sup>st</sup>**

##### **Logic-Topology Seminar**

Location: MATH 238B

Time: 1:00-2:00pm

Speaker: Dr. Tom McLaughlin

Topic: “Shavrukov on Hinges and Their Principal Characterizations”

##### **Preparation for the Profession Seminar**

Location: MATH 111

Time: 3:00-4:00pm

Speaker: Dr. Lars Christensen

Topic: “Application Materials”

##### **Real Algebraic Seminar**

Location: MATH 011

Time: 3:00-4:00pm

Speaker: Dr. David Weinberg

Topic: “Continuity of the Roots”

##### **Analysis Seminar**

Location: MATH 109

Time: 4:00-5:00pm

Speaker: Dmitri Pavlov

Topic: “Noncommutative  $L^p$ -spaces, Part II”

## **Statistics Seminar**

Location: MATH 115

Time: 4:00-5:00pm

Speaker: TBA

Topic: "TBA"

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## **Tuesday – October 2<sup>nd</sup>**

### **Math Ed Seminar**

Location: Education Room 156

Time: 12:30-1:30pm

Speaker: Kyle Steinle

Topic: "Unit Analysis in Geometry"

### **Biomathematics Seminar**

Location: MATH 114

Time: 3:30-4:30pm

Speaker: Dr. Tim Linksvayer

Topic: "Genomic Signatures of Social Evolution in Social Insects"

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## **Wednesday – October 3<sup>rd</sup>**

### **Algebra and Number Theory Seminar**

Location: MATH 112

Time: 3:00-4:00pm

Speaker: Dr. Wu Dejun

Topic: "Gorenstein Flat Dimensions Over Local Homomorphisms"

### **Image Analysis Seminar**

Location: MATH 115

Time: 3:00-4:00pm

Speaker: TBA

Topic: "TBA"

### **Applied Math Seminar**

Location: MATH 112

Time: 4:00-5:00pm

Speaker: Dr. Kevin Long

Topic: "Advanced Scientific Programming Techniques Illustrated with a Code for Simulating Compressible Fluid Dynamics in Galaxies, Part I"

### **Geometry Seminar**

Location: MATH 109

Time: 4:00-5:00pm

Speaker: TBA

Topic: "TBA"