



College of Science and Mathematics

Department of Mathematics

## 2014-2015 Analysis and Applied Math Seminar

**Thursday, August 28, 2014**

Dr. Wilfrid Gangbo, Georgia Institute of Technology

*"Characterization of geodesics of minimal length of the Wasserstein metric"*

**Thursday, September 25, 2014**

Dr. Sean Ellermeyer and Dr. Jesse Schwartz, Kennesaw State University

*"Optimal Pricing Plans for Auction Houses"*

**Thursday, October 9, 2014**

Dr. Andrey Shilnikov, Georgia State University

*"Symbolic quest into homoclinic chaos"*

**Wednesday, October 22, 2014**

Dr. Wenxian Shen, Auburn University

*"On Nonlocal Dispersal Evolution Equations"*

**Thursday, November 6, 2014**

Dr. Jonathan Lewin, Kennesaw State University

*"Proving that not every continuous function is a Fourier transform"*

**Wednesday, November 19, 2014**

Dr. Ramjee Sharma, DeVry University

*"Relation between 2D Euler and 2D Surface Quasigeostrophic Equations"*

**Thursday, February 12, 2015**

Dr. Ratnasingham Shivaji, University of North Carolina at Greensboro

*"Existence Results for Classes of Steady State Reaction Diffusion Equations"*

**Thursday, March 12, 2015**

Dr. Mukesh Dhamala, Georgia State University

*"Oscillatory Neuronal Network Activity in Human Brain Functions and Dysfunctions"*

**Thursday, April 16, 2015**

Dr. Jonathan Lewin, Kennesaw State University

*"A Modern View of Multiplication of Infinite Series"*

**Wednesday, April 22, 2015**

Dr. Gerardo Chowell-Puente, Georgia State University

*"Mathematical modeling and analyses of the 2014-2015 Ebola epidemic in West Africa"*