

LIST OF SEMINARS BEFORE 2017 FALL

- (1) **Date:** March 3, 2017.
Speaker: Brent Holmes, University of Kansas.
Title: *Diameter of Graphs with a Strong Connectivity Property.*
- (2) **Date:** February 10, 2017.
Speaker: Sooyeon Lee.
Title: *Beta Invariant of 3-connected Matroids.*
- (3) **Date:** December 8, 2016.
Speaker: Jim Henegan.
Title: *The Reproducing Kernel of a Weighted Bergman Space.*
- (4) **Date:** November 11, 2016.
Speaker: Dr. Sam Lisi.
Title: *A Brief Introduction to Morse Theory.*
- (5) **Date:** October 14, 2016.
Speaker: Sasha Kocic.
Title: *Renormalization and Rigidity in Dynamical Systems.*
- (6) **Date:** October 7, 2016.
Speaker: Zhenchao Ge.
Title: *The Size and Sign of a Gauss Sum.*
- (7) **Date:** September 23, 2016.
Speaker: Stephan Roberts.
Title: *Polynomials over Infinite Dimensional Vector Spaces.*
- (8) **Date:** September 9, 2016.
Speaker: Dr. Sandra Spiroff.
Title: *Min-plus Algebra.*
- (9) **Date:** May 6, 2016.
Speaker: Katherine Perry.
Title: *Auburn University. Rainbow Spanning Trees in Edge-Colored Complete Graphs.*
- (10) **Date:** March 31, 2016.
Speaker: Shaohui Wang.

Title: *Recent Results on the Ration of Domination and Independent Domination Numbers.*

- (11) **Date:** February 12, 2016.
Speaker: Ali Dogan, University of Memphis. **Title:** *On Saturation Games.*
- (12) **Date:** November 12, 2015.
Speaker: Jiuhua Hu.
Title: *Total Domination Polynomials of Graphs.*
- (13) **Date:** September 17, 2015.
Speaker: Brian Frazier.
Title: *Towards a Proof of the Reconstruction Conjecture.*
- (14) **Date:** September 3, 2015.
Speaker: Roman Sverdlov.
Title: *A Realistic Interpretation of Berezin Integrals.*
- (15) **Date:** May 1, 2015.
Speaker: Shaohui Wang.
Title: *Multiplicative Zagreb Indices of Cactus Graphs.*
- (16) **Date:** April 17, 2015.
Speaker: Khazhak Navoyan. **Title:** *Riesz Representation Theorem.*
- (17) **Date:** January 30, 2015.
Speaker: Khazhak Navoyan. **Title:** *Examples of Banach Spaces.*
- (18) **Date:** November 20, 2015.
Speaker: Thomas Naugle. **Title:** *Noncommutative Geometry.*
- (19) **Date:** November 13, 2014.
Speaker: Shaohui Wang.
Title: *Padmakar-Ivan Index of k -trees.*
- (20) **Date:** October 17, 2014.
Speaker: Sam Watson, Massachusetts Institute of Technology.
Title: *Random Fractal Curves in the Plane.*
- (21) **Date:** May 2, 2014.
Speaker: Yongli Sang.
Title: *Properties of Nonlinear Transformations of Non-Gaussian Linear Processes.*

- (22) **Date:** May 1, 2014.
Speaker: Janet Nakarmi.
Title: *On Variable Bandwidth Kernel Estimation.*
- (23) **Date:** April 16, 2014.
Speaker: John Burt.
Title: *(Visible) Tilings of Squares and Hypercubes.*
- (24) **Date:** March 6, 2014.
Speaker: Shaohui Wang.
Title: *Multiplicative Zagreb Indices of k -trees.*
- (25) **Date:** April 11, 2014.
Speaker: Rebecca Winarski, Georgia Tech. **Title:** *Braid Groups and Mapping Class Groups.*
- (26) **Date:** February 27, 2014.
Speaker: Jim Henegan.
Title: *Domain Coloring and the Visualization of Complex Valued Functions.*