

Schedule of Contributed Paper Presentations

All talks in the Lee Drain Building

	Room 207	Room 208	Room 220	Room 201
9:30 - 9:45	Amanda Seitz Fun Fibonacci Facts	Jillian Hamilton and Andrea DeWitt Introduction to the G-Graph	Jared Albrecht The Three Models of Hyperbolic Geometry	Texas NExT Events
9:50 - 10:05	Stefanie Meyer A Complex History	Christa Bauer Characteristics of the G-Graph	Mauricio A. Rivas Morse Theory From a Combinatorial Point of View	Texas NExT Events
10:10 - 10:25	Francisco M. Sanchez Generating a sequence that satisfies coprime labeling of squared cycles	Alys Rodriguez Properties of the G-graph of a Group	Darren Ong Minimal Surface Symmetries	Texas NExT Events
10:30 - 10:45	Mark Lane Algebraic Combinatorics and Magic n-Circles	Laura Strube Searching for Extensions	Alicia Prieto Langarica Learning to Divide	Texas NExT Events
	Room 207	Room 208	Room 220	Room 219
2:40 - 2:55	John Alford Deterministic Models of Initiation and Propagation of Unidirectional (Action Potentials) in Excitable Media	Terrell Fenner Determining Colorability of Knots	Derek Blaylock Statistical Techniques in Categorical Data Analysis	Dana Wheaton Billiard Mathematics
3:00 - 3:15	Antonio Lopez The KdV equation: solutions and animations	Ashley Weatherwax Fun with LC-loops and Quasigroups	Kelly Aman Valuations and the Hypergeometric Distribution	Ken Smith Three Undergraduate Research Problems in Graph Theory
3:20 - 3:35	Sara Jayne Slocombe Mathematics Behind Basic Enhancements of Digital Images	Yuliya Babenko Shape of a bridge	Megan Jennings The Battle of the Calculus I Sexes	Brian Loft The math behind RSA cryptography
3:40 - 3:55	Kristin Creech Dual Dilation Two-Interval Wavelet Sets	Alexis Olson Numerical Solutions to the Coagulation Equation	Ananda Bandulasiri Receiver Operating Characteristic (ROC) curves	Krystal Woods How Long is the Coast of Britain?
4:00 - 4:15	Keith Hubbard Financial Arbitrage: How would you model a costless, riskless investment?		Brian Beavers See the Constellation: Mathematical Connections	