

TAMU REU/VIGRE STUDENT MINICONFERENCE - 2003

July 22, 2003 (Tuesday)

9:00AM - 6:40PM

120 Blocker Hall

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- 9:00 - 9:20 "An Age Structured Diffusion Population Model"
(Susan Ficken & Byron Van Gorp)
- 9:30 - 9:50 "Computing With the Haar Wavelet" (Rachel Derber)
- 10:00 - 10:20 "Modeling Patches Connected by Corridors" (Liz Lang & Jennifer Owens)
- 10:30 - 10:50 " Wavelet - Galerkin Methods for Differential Equations" (Ivan Christov)
- 11:00 - 11:20 "A Competition Model on Nonflat Landscapes"
(Stephanie Green, Theresa Johnston & Tsvetanka Sendova)
- 11:30 - 11:50 "Hiding Lena: Image Watermarking With Wavelets" (James Hughes)
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- 12:00 - 1:00 === LUNCH for REU and VIGRE students in 627 Blocker) ===
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- 1:10 - 1:30 "Tight Frames of R^2 " (Nathan Strawn)
- 1:40 - 2:00 "Bacteria Playing Rock-Scissors-Paper:
A Model of How Diversity Can Occur in Nature"
(Charlie O'Connor & Brian Sullivan)
- 2:10 - 2:30 "Refinability of Multivariate Polynomials"
(Emily King, Justin Turner & Phillip Watkins)
- 2:40 - 3:00 "On the Role of Patch Size in Fox-Mice Interaction:
How to Lessen the Threat of Lyme Disease"
(Peter Horn & Ryan Westbrook)
- 3:10 - 3:30 "Wavelet Decomposition and Applications" (Erik Baumgarten)
- 3:30 - 3:50 =====(20 minute break)=====
- 3:50 - 4:10 "Sampling and Frames" (Benjamin Aurispa & Micah Hawkins)
- 4:20 - 4:40 "Modeling Bees and Mites"
(Seoyoung Kim, Yuliya Marchenka & Kerri-Ann Norton)
- 4:50 - 5:10 "Refinability of Piecewise Constant Functions" (Matt Hirn)
- 5:20 - 5:40 "Wavelet Sets With Norwegian Folk Dancing"
(Andrew Felker & Bill Finken Keller)
- 5:50 - 6:10 "Patches and Corridors: A Stochastic Approach"
(Nicholas Hawkins & Ted Lai)
- 6:20 - 6:40 "Frame Potential" (Brady McCary)
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- 6:50 - 8:00 PM ** Dinner (PIZZA!!) for REU and VIGRE students in 627 Blocker)**
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