

Tenth Annual VSU Mathematics Technology Conference, February 25, 2005, Education Center

Time	Session I Room TBA Presiders – Janice Lowe John Wood	Session II Room TBA Presiders – John Seppala Sudhir Goel	Session III Room TBA Presiders – Zhiguang Xu Jaehoon Seoul	Session IV Room TBA Presiders – Arsalan Wares Daryl Corey
2:30 to 2:55	Workshop: Using a Computer Screen as a Whiteboard while Recording the Lecture as a Sound Movie Jonathan Lewin Kennesaw State University	Workshop: Fractals and the Geometry of Nature Ben Fusaro Florida State University	Workshop: Free Near-Clones of Useful Software Hugh Sanders Georgia College & State University	Markov Chains: Applied and Theoretical Study as Part of a Mathematics Educational Digital Library Theron Seebreth Florida A&M University (student)
2:55 to 3:15				Physically Based Billiards Simulation Using the RenderMan API James Sharber Valdosta State University (student)
3:20 to 3:40	Workshop: WinPlot Carlos Almada Columbus State University	Workshop: Optimal Pacing Strategies in Bicycle Racing Steven Blumsack and Daniel Rabb, Caleb Thomas (students) Florida State University	Workshop: Studying Numerical Methods using MATLAB Joshua Z. Du and Thomas Hippchen, Cicero Brooks, Kevin Jourdain (students) Kennesaw State University	Using Geometry in Action to Enhance College Algebra Understanding Andreas Lazari and Peggy Moch Valdosta State University
3:45 to 4:05				Using Virtual Manipulatives in Teaching Geometric Constructions for Learning Deductive Proof Chinequa Taylor Florida A&M University (student)
4:10	REFRESHMENTS			
4:25 to 4:45	Analyzing Periodic Data in a Trigonometry Class Michael D. May, Stephen C. King University of South Carolina Aiken	Spreadsheets for Fourier Analysis? A Case Study Anuradha Eaturu Valdosta State University	On-line Calculus and the WebALT project Mika Seppälä FSU and University of Helsinki	Conjectures and Proofs in a Dynamic Geometry Environment Arsalan Wares Valdosta State University
4:50 to 5:10	Pendulum Data and Differential Equations Thomas F. Reid, Stephen C. King University of South Carolina Aiken	Bounds on the cardinality of minimum $\frac{1}{2}$ -dominating set in the king's graph Eugen J. Ionascu Columbus State University	An Electronic Calculus Book in Maple Mylan Redfern Valdosta State University	CAS Makes Learning More Fun Wei-hu Hong Clayton College & State University
5:10 to 5:30	Teaching College Mathematics with the TI-83/84 Calculators Ralph Wildy Georgia Military College	Curvature Problem for Lumber Optimization Jessica Fuller Langdale Forest Products	Coloring Between the Lines in Maple John A. Ziegler Southern Polytechnic State University	Fostering Higher-order Mathematical Thinking with Technology: A Case Study on the Sierpinski Triangle Lingguo Bu & Rob Schoen Florida State University
5:30	BREAK			
5:45	Welcome and Invited Address - Rooms 265/267 Douglas B. Meade, University of South Carolina, Perspectives on the Maturation of Computer Algebra in the Academic World			
7:00	Banquet: VIP Room in the University Center Clint Barineau, Valdosta State University (Physics, Astronomy, and Geosciences), The Threat of Tsunami within the Atlantic, Gulf of Mexico, and Caribbean Ocean Basins: Can it happen here?			