TRINITY
UNIVERSITY

SAN ANTONIO · 1869

The Department of Computer Science

Presents

THESIS PRESENTATIONS
2004-2005

http://www.cs.trinity.edu

2:30 p.m.-4:30 p.m.
April 6, 2005
Science Lecture Hall

Program

Opening Remarks
2:30 p.m-2:35 p.m.

2:30 p.m.   Dr. Maurice Eggen, Professor and Chair, Department of Computer Science

Thesis Presentations
2:35 p.m.-4:25 p.m.

2:35 p.m.   Ryan Acosta, "Computing Isodose Curves for Radiotherapy Treatment Plans"

2:45 p.m.   Joseph Bertles, "Expanding the Use of Cellular Automata"

2:55 p.m.   Scott Schwartz, "Real-Time Autonomous Behavior in Robots through Self-Adjusting Finite State Automata"

3:05 p.m.   Clay Weston, "Intelligent Path-Finding through Unknown Three-Dimensional Terrain"

3:15 p.m.   Mark Silliman, "Usage of Encryption to Create Secure Data Communication Systems"

3:25 p.m.   Eric Garza, "Algorithmic Generation of Cities Using Cellular Automata in a Dynamically Generated World"

3:35 p.m.   Michael McBryde, "Generation of Commercial Buildings in Large Scale Virtual Worlds"

3:45 p.m.   Domingo Lara, "An Analysis and Benchmark of Spatial Data Structures"

3:55 p.m.   Paul West, "Expression Templates and Large Integers"

4:05 p.m.   Stefan Parker, "Forming Resource-Sharing Coalitions: A Swarm Intelligence Approach for Agent Teams"

4:15 p.m.   Michael Roberts, "Risk Analysis through Situation Assessment in Intelligent Agents"

Refreshments on the Breezeway
(Rain location: First Floor Lobby of Marrs McLean)
4:25 p.m.