

2nd Annual Computer Science Research Conference
Stephenson Center for Research and Technology
University of Oklahoma
1:30 – 6:00 pm, April 1 2006
Hosted by: OU Computer Science Graduate Student Association
Sponsored by: Coca Cola and Panera Bread

Room # 1: Session 1

Conference Welcome and Opening

1:30 - 1:40 pm Registration
1:40 - 1:45 pm Welcome Address by Program Committee Chair
1:45 - 2:15 pm Keynote Speaker – Dr. Rob Platt, NASA / JSC

Room # 1: Session 2A

Intelligent Systems and Machine Learning

Session Chair: Dr. Dean F. Hougen

2:15 - 2:35 pm Brent E. Eskridge, Dean F. Hougen
Prioritizing Behaviors in a Fuzzy Behavior Hierarchy

2:35 - 2:55 pm Pedro A. Diaz-Gomez, Dean F. Hougen
Pseudo Random Generation of the Initial Population in Genetic Algorithms: An Experiment

2:55 – 3:15 pm Coffee Break

3:15 - 3:35 pm Lawrence Kincheloe, Dean F. Hougen
Robotics Testbed

3:35 - 3:55 pm Josh BeitelSpacher, Jason Fager, Greg Henriques, Amy McGovern
Policy Gradient VS Value Function Approximation: A Reinforcement Learning Shootout

Room # 2: Session 2B

Formal Systems, Networks and Computational Complexity

Session Chair: Dr. Qi Cheng

2:15 - 2:35 pm Pulak K. Chowdhury, Mohammed Atiquzzaman, William Ivancic
NEtwork MObility (NEMO) in Space: An IP-diversity based Approach

2:35 - 2:55 pm Malay Patel, Yifei Dong, Yunjun Xu
Formal Specification and Design of Fault-Tolerant Satellite Formation Flying System

2:55 – 3:15 pm Coffee Break

3:15 - 3:35 pm Aravind Mohanoor, Sridhar Radhakrishnan
Using a Destination Rooted BFS Tree for Power Aware Routing

3:35 - 3:55 pm Qi Cheng, Elizabeth Murray
On the Deep Holes of Reed-Solomon Codes

Room # 1: Session 3

Panel, Awards and Closing Remarks

4:00 – 4:30 pm Panel on Technical Writing – Thesis / Dissertation
Dr. Andrew H. Fagg and Dr. Dean F. Hougen

4:30 – 4:35 pm Award Presentation

4:35 – 4:40 pm Closing Remarks by Program Committee Chair

4:40 pm Reception