CSEE Research Review – Program
Friday, May 4, 2007
South Campus

Department of Computer Science and Electrical Engineering
University of Maryland, Baltimore County (UMBC)
www.csee.umbc.edu/events

Program

Reception (9:00am–9:20am), with coffee, orange juice, doughnuts

Opening Remarks, Charles Nicholas, Chair, Dept. of CSEE (9:20am–9:30am)

Session I (9:30am–10:40am)

Samuel J. Lomonaco, Jr.
A 3-Stranded Quantum Algorithm for the Jones Polynomial

Yung-Jui (Ray) Chen, *Photonics Technology Lab*
Planar Lightwave Circuit Based ROADM/WSS

Tim Oates, *CORAL*
On the Relationship between Lexical Semantics and Syntax for Grammar Induction

Break (10:40am–10:50am)

Session II (10:50am–12:00noon)

Marc Olano, *VANGOGH Lab*
Programming Graphics Hardware

Anupam Joshi, *Ebiquity*
Trust, Influence, and Bias in the Blogosphere

Jonathan Bronson (Advisor: Rheingans) – *Award for Best Research by an MS Student*
Automated Stencils and Gobos from 3D Models

Free Lunch, in Lobby (12:00noon–1:00pm), with sandwiches, hot entree, salad, drinks, and brownies

Session III (1:00pm–2:10pm)

James Plusquellic, *VLSI Research Group*
Challenges and Solutions to Screening Defective Chips in Nanometer Technologies

Tulay Adali, *Machine Learning for Signal Processing Laboratory*
Independent Component Analysis of Brain Imaging Data

Sandor Dornbush (Advisor: A. Joshi), *eBiquity — Award for Best Research by a PhD Student*
XPod: A Human Activity Aware Learning Mobile Music Player

Student Poster Session and Reception (2:10pm–3:30pm), *with soda and cookies*

Adjourn (3:30pm)

Organizer: Alan T. Sherman, alantsherman@starpower.net

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