



Region 2 Student Activities Conference
2005 - SCHEDULE

Friday, April 8, 2005

4pm and on - Hotel Registration (Residence Inn)

Saturday, April 9, 2005

08:00 am - Welcome Reception (Rowan Hall, Betty Long Auditorium)

08:30 am - Student Leadership Workshop (Rowan Hall, Betty Long Auditorium)
- Counselors Workshop (Rowan Hall, Room 209)

10:30 am - Break begins
- Ethical Scenario Skit (Rowan Hall Atrium)
- Ethics competition scenarios distributed (Rowan Hall, Atrium)

10:50 am - Break ends
- Ethics Competition Presentation Preparation (Rowan Hall, Room 131)

12:00 pm - Lunch (Wilson Hall, Room 153 and Room 156)

12:30 pm - Optional 20 minute tour of campus (Starting at Wilson)

01:00 pm - Competitions:
- Micromouse (Rowan Hall, Room 204)
- Hardware (Rowan Hall, Atrium)
- Student Paper Competition (Rowan Hall, Betty Long Auditorium)
- Ethics (Rowan Hall, Room 239)
- Project Showcase (Wilson Hall, Pfleeger Concert Hall Lobby)

05:00 pm - End competitions

05:30 pm - "Laser Floyd" show (Science Hall, Edelman Planetarium)

06:30 pm - Show Ends

07:00 pm - Awards Banquet (Rowan Student Center, Ballroom)

08:00 pm - Keynote Speaker
- Lou Bucelli: "*Using Four Letter Words to Succeed in Business!*"

09:00 pm - Awards Ceremony

10:00 pm - Closing Remarks

Paper Presentation Competition Schedule
IEEE R2 SAC 2005 - April 9, 2005

Time	Title of Paper	Presenters	School
1:00 - 1:10 p.m.	Introduction of Judges	Joe Lopez, Peter Renner	Rowan University
1:10 - 1:20 p.m.	“Hearing Assistive Device”	Marti Kimmel	PSU Harrisburg
1:20 - 1:30 p.m.	“Thermally Stimulated Discharge Currents in a Composite Silicon/Silicon Dioxide Structure”	Kenny Watts, Zack Vaskalis	Wilkes State University
1:30 - 1:40 p.m.	“Digital Image Compression: A Survey”	Scott M. Hall	Wilkes State University
1:40 - 1:50 p.m.	“Autonomous Control System For Unmanned Surface Vehicles”	Similola Falase, Dilshan Godaliyadda, Isidore Takougang	University of MD Eastern Shore
1:50 - 2:00 p.m.	“Grid Based Navigation System of a Autonomous Lego® Robot”	Simarpreet Singh, Kiron Mateti	Wright State University
2:00 - 2:10 p.m.	“Clutter Mitigation In Weather RADAR Systems Filter Design & Analysis”	James Golden	Swarthmore College
2:10 - 2:20 p.m.	Break		
2:20 - 2:30 p.m.	“The Simulation of an Active SONAR System”	Dante Papada	University of Scranton
2:30 - 2:40 p.m.	“Obfuscation and Performance Loss vs. Complexity”	Jeffrey MacBride, Scott Marks, Christopher Mascioli	Rowan University
2:40 - 2:50 p.m.	“Fabrication of Three Dimensional Structures for In-vitro Bone Cell Study”	Amy Vanderslice	Rowan University
2:50 - 3:00 p.m.	“Locking in the Rich, Full Bodied Flavor: Encapsulation in Java”	Danielle Becker	Richard Stockton College
3:00 - 3:10 p.m.	“The Computer Worm Threat”	Liam Coleman	Richard Stockton College
3:10 - 3:20 p.m.	“DualHack: Reengineering Gaming on the Sony PlayStation 2™”	Andrew Sobotka, Lee Mitchell	PSU Behrend
3:20 - 3:30 p.m.	Break		
3:30 - 3:40 p.m.	“Integrated OLED in a Bio-detection System”	Ho Him R. Fok	Penn State
3:40 - 3:50 p.m.	“Exploring a Bayesian Method for Email Filtering”	Jeffrey Stoltzfus, Anthony Curtis	Bucknell University
3:50 - 4:00 p.m.	“A ‘Look-Ahead’ Lee Algorithm for Maze Routing Accelerators”	Kavon Nasabzadeh	Lafayette College
4:00 - 4:10 p.m.	“Improving Routing Performance using an FPGA Maze Routing Accelerator”	Oliver Bowen	Lafayette College
4:10 - 4:20 p.m.	“Controlled Temperature Test Bed”	Vincent Wolfe	DeVry University
4:20 - 4:30 p.m.	“Phase Noise Measurements on the Stanford Linear Accelerator”	Katie Schaffold	Temple University

**Ethics Competition Schedule
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Time	Presenters	School
10:30 - 10:50 p.m.	Ethical Skit and Scenario Distributed	
10:50 - 1:15 p.m.	Prepare Presentation	
1:15 - 1:30 pm.	Collect Presentation	
1:30 - 1:40 p.m.	Introduce Judges	
1:40 - 2:00 p.m.	Katie Schaffold, Mohit Manglani, Aisha Machunga-Sambo	Temple U
2:00 - 2:20 p.m.	Merhawi Redda, Jonathan Dufresne	Lafayette College
2:20 - 2:40 p.m.	Jason Shilinski	U of Scranton
2:40 - 3:00 p.m.	Brad Galloway, Philip Dickey	Pennsylvania College of Tech
3:00 - 3:20 p.m.	S. B. Daniele, J. B. Louis, R. Marwaha	Richard Stockton College
3:20 - 3:30 p.m.	Break	
3:30 - 3:50 p.m.	Tiffany Goldchild, Justin Gardner	DeVry U
3:50 - 4:10 p.m.	Jamel Price, Tiffani Manns, Whitney Smith, Ibrahim Kanu	U of MD
4:10 - 4:30 p.m.	Jonathan Scott, Wes Hill, Mike Adams	PSU Harrisburg
4:30 - 4:50 p.m.	Thomas Steffen, Julie Lee	Wright State U

**Micromouse Competition Schedule
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Time	Team
1:00 - 1:10 p.m.	Introduce Judges
1:10 - 1:30 p.m.	Drexel University
1:30 - 1:50 p.m.	Penn State Behrend
1:50 - 2:10 p.m.	Penn State Harrisburg Team 1
2:10 - 2:30 p.m.	Penn State Harrisburg Team 2
2:30 - 2:50 p.m.	Penn State Harrisburg Team 3
2:50 - 3:10 p.m.	Rowan University
3:10 - 3:30 p.m.	Temple University
3:30 - 3:50 p.m.	Villanova University
3:50 - 4:10 p.m.	Wright State University

Hardware Competition Schedule IEEE R2 SAC – April 9, 2005

TEAMS

- (1) Geneva College
- (2) Penn State Behrend
- (3) Penn State Harrisburg
- (4) Pennsylvania College of Tech
- (5) University of Scranton
- (6) Wright State University
- (7) Youngstown State University Team A
- (8) Youngstown State University Team B

ROUND 1

For the first round, each team will run around the arena alone totaling 8 matches. There is the 15 minute countdown and then they have 5 minutes in the ring. That is 20 minutes plus 5 between matches.

<u>Time</u>	<u>Arena 1</u>	<u>Arena 2</u>
1:00 – 1:20	(1)	(2)
1:25 – 1:45	(3)	(4)
1:50 – 2:10	(5)	(6)
2:15 – 2:35	(7)	(8)

ROUND 2

In the second round, the teams will be randomly selected to compete. There are a total of 4 matches.

<u>Time</u>	<u>Arena 1</u>	<u>Arena 2</u>
2:45 – 3:05	(1) vs. (5)	(2) vs. (7)
3:10 – 3:30	(3) vs. (6)	(4) vs. (8)

ROUND 3

In the third round, the teams will be marked as 1st, 2nd, 3rd, and 4th depending on there totaling points. At this point, round 3 will consist of 2 matches.

<u>Time</u>	<u>Arena 1</u>	<u>Arena 2</u>
3:40 – 4:00	1 st vs. 4 th	2 nd vs. 3 rd

ROUND 4

In the fourth round, the final two teams will battle.

<u>Time</u>	<u>Arena 1</u>
4:10 – 4:30	1 st vs. 2 nd