

2012 Midwest Conference Schedule October 5th and 6th – Eastern Illinois University – Charleston, Illinois

Friday, October 5th, 2012		
9:00 am – 12:00 pm	Pre-Conference Workshop: <i>INTRODUCING PARALLELISM USING HABANERO JAVA (HJ)</i> David Bunde, Jaime Spacco, Casey Samoore (Old Main 3041)	
11:00 am - 4:00 pm	Registration (University Union - Oakland Room)	
1:00 pm – 1:15 pm	Conference Opening (University Union - University Ballroom)	
1:15 pm - 2:00 pm	Keynote Address: <i>THE CS 10K PROJECT: MOBILIZING THE COMPUTING COMMUNITY AROUND HIGH SCHOOL EDUCATION</i> - Jeffrey Forbes (University Union - University Ballroom)	
2:15 – 3:45 pm	Concurrent Session I	
<p>Paper Session (University Union - Casey Room) Chair – Jeff Lehman</p> <p><i>A SURVEY OF ANOMALY INTRUSION DETECTION TECHNIQUES</i> Yingbing Yu</p> <p><i>TEACHING THE RSA ALGORITHM USING SPREADSHEETS</i> Hong Biao Zeng</p> <p><i>2-D BAR CODES: A VISUAL APPROACH TO ERROR-CORRECTION AND DETECTION & THE OSI LAYERS</i> George Bricker</p>	<p>Paper Session (University Union - Greenup Room) Chair – Cyrus Grant</p> <p><i>OVERCOMING GENDER STEREOTYPE ENTRY BARRIERS TO COMPUTING DEGREE PROGRAMS: THE CYBERGIRLZ PROGRAM EXPERIENCE</i> Christina Outlay, Paul Ambrose, John Chenoweth</p> <p><i>COMPUTER SCIENCE EDUCATION WEEK WORKSHOPS FOR SECONDARY STUDENTS</i> Matthew F. Tennyson, Sarah G. Fields, Yun Wang</p> <p><i>A TALE OF TWO COURSES: AN EXPERIENCE REPORT ABOUT STUDENT ENGAGEMENT RELATED TO THE USE OF AN ELECTRONIC STUDENT RESPONSE SYSTEM AND PRE-LECTURE VIDEOS</i> David Largent</p>	<p>Panel (University Union - Martinsville Room)</p> <p><i>PROFESSOR, PACK YOUR BAGS</i> Cathy Bareiss (moderator), Charles Frank, Larry Vail</p>
3:45 – 4:15 pm	Break (University Union - Oakland Room)	
3:45 – 5:45 pm	Student Posters (University Union - Paris Room)	
4:15 – 5:45 pm	Concurrent Session II	
<p>Paper Session (University Union - Casey Room) Chair – Robert Beasley</p> <p><i>FIRST EXPERIENCES WITH TUTOR FOR RECURSIVE ALGORITHM TIME EFFICIENCY ANALYSIS</i> Irena Pevac</p> <p><i>STUDENTS AND INSTRUCTORS RESPOND TO A COURSE ON GLOBAL IT: A CASE STUDY</i> Elizabeth Howard, Martha Petrone, Jacob Harrison, Jennifer Constable, Shad Lay, David Owens, Ross Muron, Brandon Payne</p> <p><i>ROLLING THE DICE ON THEORY - ONE DEPARTMENT'S DECISION TO STRENGTHEN THE THEORETICAL COMPUTING ASPECT OF THEIR CURRICULUM</i> David Surma</p>	<p>Panel (University Union - Greenup Room)</p> <p><i>General Education Options</i> Cathy Bareiss (moderator), Hugh McGuire, Larry Vail</p>	<p>Spotlight on Students (University Union - Martinsville Room)</p> <p>Chair – Dave Largent, Kent Palmer</p> <p><i>Session highlights student software and research projects</i></p>
6:00 pm – 7:00 pm	Dinner (University Union - University Ballroom)	
7:00 pm – 7:45 pm	Banquet Address: <i>UPWARD MOBILITY - R. J. Talyor</i> (University Union - University Ballroom)	
8:00 pm – 8:30 pm	CCSC Midwest Region Business Meeting (University Union - University Ballroom)	
8:30 pm – 9:00 pm	CCSC Midwest Region Steering Committee Meeting (University Union - University Ballroom)	
8:00 pm – 10:45 pm	Student Programming Competition Practice Session (Old Main - 3041/3013)	

Saturday, October 6th, 2012		
7:30 am – 8:30 am	Continental Breakfast (University Union – Oakland Room)	
7:30 am – 10:15 am	Student Programming Contest Breakfast (Old Main – 3041 hallway)	
8:00 am - 12:00 pm	Student Programming Contest (Old Main - 3041/3013)	
8:30 am – 10:00 am	Concurrent Session III	
Paper Session (University Union - Casey Room) Chair – Larry Vail <i>BOOT CAMP: A FIRST YEAR SEMINAR IN CS1 LABS</i> Alice Armstrong <i>THE EFFECTS OF CONFIDENCE WEIGHTING ON TEST SCORES AND CONFIDENCE WEIGHTING PERCEPTIONS IN THE COMPUTING CURRICULUM</i> Robert Beasley <i>USING PROFESSIONALISM TO IMPROVE STUDENT OUTCOMES IN A COMPUTER SCIENCE SENIOR CAPSTONE COURSE</i> Alice Armstrong, Carol Wellington	Panel (University Union - Greenup Room) TEACHING CS 1: OBJECT-FIRST OR ALGORITHMIC <i>Kasi Periyasamy (moderator)</i> <i>Dave Riley, Kenny Hunt, Stu Hansen, Paul Langhals,</i>	Works in Progress (University Union - Martinsville Room) Chair – Scott Anderson <i>MOBILE APP DEVELOPMENT IN CS0 USING CORONA SDK</i> Kent Palmer <i>Using Iterators to Simplify Parallel Software Pipelining</i> Paul Buis <i>App Inventor For Beginners and Beyond</i> Andrey Soares
10:00 am - 10:15 am	Break (University Union - Oakland Room)	
10:15 am – 11:45 pm	Concurrent Session IV	
Paper Session (University Union - Casey Room) Chair – Dave Largent <i>THE GAP LOGIC CIRCUIT SIMULATOR TOOL</i> Larry Kotman, Jagadeesh Nandigam <i>DTEVISUAL: A VISUALIZATION SYSTEM FOR TEACHING ACCESS CONTROL USING DOMAIN TYPE ENFORCEMENT</i> Yifei Li, Steve Carr, Jean Mayo, Ching-Kuang Shene, Chaoli Wang <i>EXPERIENTIAL COMPUTER ARCHITECTURE COURSE FOR ACTIVE E-LEARNING</i> Yousif AL-Bastaki, Ajantha Herath	Panel (University Union - Greenup Room) COMPUTER LITERACY: WHAT IT MEANS AND DO TODAY'S COLLEGE STUDENTS NEED A FORMAL COURSE IN IT? <i>David Surma (moderator), Robert Beasley, Mary Jo Geise, Jeff Lehman, Kent Palmer</i>	Nifty Assignments (University Union - Martinsville Room) Chair – Cyrus Grant <i>Session highlights creative, interesting, and useful course assignments</i> <i>Alice Armstrong</i> <i>George Bricker</i> <i>Mark Hall</i> <i>Stuart Hansen</i> <i>Mick Lantis</i>
12:00 pm – 1:00 pm	Lunch (University Union - University Ballroom)	
1:00 pm – 2:00 pm	CCSC:MW 2013 Conference Planning (University Union - Paris Room)	
1:00 pm – 4:00 pm	Post-Conference Workshop: DESIGNING SOFTWARE SECURITY WITH UML EXTENSIONS Susan Lincke (University Union - Martinsville Room)	

The CCSC Midwest Conference Committee would like to thank our National Partners (the National Science Foundation, Turing's Craft, and Wiley) for their continued support of our activities and UPE for student prizes.