

2014 Midwest Conference Final Schedule September 19th and 20th – Olivet University – Bourbonnais, IL

Friday Schedule			
9:00 am – 12:00 pm	Pre-Conference Workshop: <i>Google APIs</i>, John Hayward (Weber 008)		
11:00 am - 4:00 pm	Registration (Weber Lobby)		
1:00 pm – 1:15 pm	Conference Opening (Kresge Auditorum)		
1:15 pm - 2:00 pm	Keynote Address: <i>IF PARALLEL COMPUTING IS THE NEW NORMAL, HOW DO WE PREPARE OUR STUDENTS (AND OURSELVES)?</i>, Joel Adams, Calvin College (Kresge Auditorum)		
2:15 – 3:45 pm	Concurrent Session I		
Paper Session (Weber 103) Chair – Janet Helwig	Tutorial (Weber 002) (TBA)	Tutorial (Weber Leadership) Chair - Larry Vail	Tutorial (Wisner 159) (TBA)
<i>THE IMPACT OF DELAYING AN EASIER UNIT IN AN INTRODUCTORY COMPUTER LITERACY COURSE</i> Mark Hodges	<i>A COLLEGE FRESHMAN'S GUIDE TO MACHINE LEARNING - SHORT AND SWEET WAY TO INTRODUCE MACHINE LEARNING TO COLLEGE FRESHMAN</i> Pak Kwan	<i>WHAT EVERY COMPUTING STUDENT WANTS TO KNOW FROM INDUSTRY</i> Ken Endrizzi, State Farm Kurt Heckman, vCalc David Starkey, Applied Systems	<i>CONDUCTING DEPARTMENTAL REVIEWS AND SERVING AS A REVIEWER</i> Henry Walker, Joan Krone
<i>BEST PRACTICES FOR INDUSTRY SPONSORED CS CAPSTONES</i> Jonathan Engelsma			
<i>BUILDING A CLOUD-BASED SOLUTION: CREATING AN ACCESSIBLE CIT CURRICULUM</i> Teresa Riley, Wei Hao			
3:45 – 4:15 pm	Break (Weber Leadership)		
3:45 – 5:45 pm	Student Posters & Showcase (Weber Leadership) Chair - Paul Gestwicki, David Largent, Kent Palmer		
4:15 – 5:45 pm	Concurrent Session II		
Paper Session (Weber 305) Chair – Jeff Lehman	Tutorial (Weber 002)	Tutorial (Weber 301)	Vendor Session (Weber 309)
REFACTORING CODE TO INCREASE READABILITY AND MAINTAINABILITY: A CASE STUDY Christopher Dibble II, Paul Gestwicki	<i>TEACHING SHARED MEMORY PARALLEL CONCEPTS WITH OPENMP</i> Joel Adams, Libby Shoop	<i>STRATEGICALLY RECRUITING WOMEN STUDENTS INTO YOUR UNDERGRADUATE COMPUTING MAJOR</i> Cindy Howard	<i>Preparing Students for the Careers of the Future through Robotics</i> Jeremiah Sazama Representative of Aldebaran Robotics
A PROGRAMMING LANGUAGES COURSE EMPHASIZING INTERPRETERS AND OBJECT-ORIENTED DESIGN Steven Carr			
ENGENDERING EXCITEMENT AND INTEREST IN COMPUTER SCIENCE COURSES BY USING EMERGING WIRELESS SENSORS Haodong Wang			
6:00 pm – 7:00 pm	Dinner (Chalfant Hall)		
7:00 pm – 7:45 pm	Banquet Address: <i>INDUSTRY AND EDUCATION: THE TIME IS NOW</i>, Ms. Valinda Kennedy, IBM		
8:00 pm – 8:30 pm	CCSC Midwest Region Business Meeting (Weber 103)		
8:30 pm – 9:00 pm	CCSC Midwest Region Steering Committee Meeting (Weber 103)		
8:00 pm – 10:45 pm	Student Programming Competition Practice Session (Weber 104, 306, 307)		

Saturday Schedule				
7:30 am – 8:30 am	Continental Breakfast (Weber Leadership)			
8:00 am - 12:00 pm	Student Programming Contest (Weber 306, 307)			
8:30 am – 10:00 am	Concurrent Session III			
Paper Session (Weber 301) Chair –Robert Beasley <i>USING WRAPPERS TO SIMPLIFY TASK PARALLEL PROGRAMMING</i> Michael Graf, David Bunde <i>AN EXPERIENCE ON MULTITHREADING USING ANDROID'S HANDLER CLASS</i> Victor Matos, Rebecca Grasser <i>TEACHING COMPUTER ARCHITECTURE IN AN ONLINE LEARNING ENVIRONMENT USING SIMULATION AND PEER INSTRUCTION</i> Daniel Taipala	Tutorial (Weber 103) <i>INTRODUCTION TO VCALC</i> Kurt Heckman <i>Power of crowd-source and collaboration to provide free-online analytical capabilities. Doing for calculators and equations what Wikipedia did for articles and encyclopedias.</i>	Works In Progress (Weber 309) Chair – Dave Largent <i>USING INTERACTIVE ACTIVITIES TO FOSTER DEEP LEARNING IN COMPUTER NETWORKING</i> Victor Norman <i>IMPROVING STUDENT COLLABORATION AND ENGAGEMENT IN PROJECT-BASED COURSES- AGILE PROJECT MANAGEMENT METHODOLOGY & ACTIVE LEARNING METHODS,</i> Sam Chung	Vendor Session (Weber 002/008) <i>EXPLORING AND PROGRAMMING WITH LEGO EDUCATION MINDSTORMS EV3 ROBOTS</i> Steffanie Forbes <i>Illinois representative of LEGO</i>	
10:00 am - 10:15 am	Break (TBA)			
10:15 am – 11:45 pm	Concurrent Session IV			
Nifty Assignments (Weber 309) Chair – Cyrus Grant <u>VISUALIZING SOME BENEFITS OF PARALLEL COMPUTING WITH JULIA SETS</u> , Andrew Mertz, Nancy Van Cleave <u>A SIMPLE INTRODUCTION TO WEB SERVICES USING FLICKR</u> , Andrew Mertz <u>HAND HELD SOLITAIRE: A GAME ASSIGNMENT FOR CSL</u> , Nancy Van Cleave <u>TEACHING SQL PERFORMANCE TUNING</u> , Zahira Khan <u>SECURE CODING AT THE CS0 AND CS1 LEVELS</u> , Ankur Chattopadhyay	Tutorial (Weber 305) <i>TEACHING WITH HUMANITARIAN FREE/OPEN SOURCE SOFTWARE</i> James Walden	Tutorial (Weber 104) <i>CS 2013: HOW TO DETERMINE IF YOUR DEPARTMENT MEETS THE NEW GUIDELINES</i> Kent Palmer	Vendor Session - (Continued) A continuation of <i>EXPLORING AND PROGRAMMING WITH LEGO EDUCATION MINDSTORMS EV3 ROBOTS</i> Steffanie Forbes <i>Illinois representative of LEGO</i>	
12:00 pm – 1:00 pm	Lunch (Chalfant Hall)			
1:00 pm – 2:00 pm	CCSC:MW 2015 Conference Planning (Weber 002)			
1:00 pm – 4:00 pm	Post-Conference Workshop (Free): AP CS Principles: Sneak Preview, Dale Reed, Baker Franke (Weber Leadership Center)			

The CCSC Midwest Conference Committee would like to thank our National Partners (Aldebaran, the National Science Foundation, Carnegie Mellon Information Networking Institute, Oracle Academy, and Turing's Craft) for their continued support of our activities and UPE for student prizes.

We would like to thank the ACM Special Interest Group in Computer Science Education for providing support for

Dr. Joel Adams to present our keynote address "If parallel computing is the new normal, how do we prepare our students (and ourselves)?"

This talk is based on work originally presented at SIGCSE 2014.