

Consortium for Computing Sciences in Colleges

Central Plains Conference

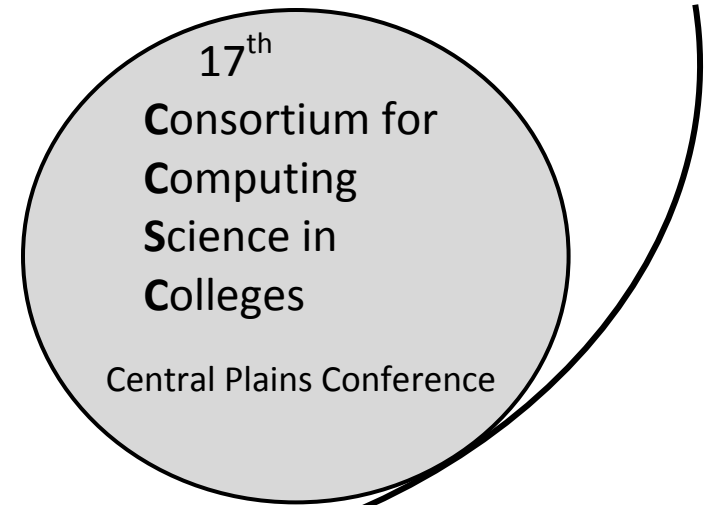
2011 CCSC:
Central Plains Steering Committee

Conference Chair, Local Arrangements, Publicity: Mahmoud Yousef (University of Central Missouri)
Conference Co-Chair: Mustafa Kamal (University of Central Missouri)
Papers Chair: Bob Neufeld (McPherson College)
Papers: Baochuan Lu (Southwest Baptist University)
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Student Posters: Baoqiang Yan (Missouri Western State University)
Student Programming Contest Chair: Brian Hare (University of Missouri-Kansas City)
Student Programming Contest: Scott Bell (Kansas State University)
Student Programming Contest: Mustafa Kamal (University of Central Missouri)
Regional Vendors: Michael Rogers (Northwest Missouri State University)
Graduate Schools: Shing So (University of Central Missouri)
At-Large Member: Scott Sigman (Drury University)
At-Large Member: Dean Sanders (Northwest Missouri State University)
At-Large Member: Judy Mullins (University of Missouri-Kansas City)



In cooperation with SIGCSE

Dr. Mahmoud Yousef
Mathematics and Computer Science Dept
University of Central Missouri
W.C. Morris 222
Warrensburg, MO 64093



2011 Program April 8 & 9



University of Central Missouri
Warrensburg, Missouri

Friday

9:00-12:00: Preconference Workshop
iPhone/iPad Development by **Michael Rogers**

1:00-2:00: Keynote Address
Developing a Warehouse Control System in C#
Stuart Thomas (Hallmark Cards)

2:10-3:10

Track 1

Moderator:
Scott Bell

An Effective Way of Introducing iPhone Application Development to Undergraduate Students – Baoqiang Yan, Deborah Becker, Connie Hecker, Missouri Western State University

There and Back Again: Leveraging iOS Development on Mac OS X – Michael Rogers, Northwest Missouri State University

Track 2

Moderator: Patrick Kopp

A Tool for Teaching Petri Nets – Chao Mei, Xiaoyang Zhang, Wenfei Zhao, Kasi Periyasamy, Mark Headington, University of Wisconsin – La Crosse

Lessons Learned in the Design of an Undergraduate Data Mining Course – Cecil Schmidt, Washburn University

Track 3

Workshop

An Introduction to Distributed Version Control Systems – John Cigas, Park University

3:15-3:45

Break (light snacks): Networking - Vendors

3:50-4:50

Moderator: Michael Rogers	Moderator: Wen Hsin	Workshop
Critical Thinking and Modeling in CS0: The Prisoner's Dilemma – David Reed, Creighton University	Nifty Assignments	An Introduction to Distributed Version Control Systems – John Cigas, Park University
Requiring Outreach from a CS0-Level Robotics Course – Janice Pearce, Berea College	Boid Swarms – Nancy Van Cleave, Andrew Mertz, Eastern Illinois University.	
	Skip-3 Solitaire – David Reed, Creighton University	

4:55 – 5:10

Break: Networking - Vendors

5:15 – 6:15

Moderator: Mustafa Kamal	Panel Discussion	Lightning Talks
Using SAP ERP Software in Online Distance Education – John Wilson, Ed Lindoo, Regis University	Organizing and Hosting a Student Programming Contest – Brian Hare, Moderator, University of Missouri-Kansas City; Panelists: James Cain, Southwest Baptist University; John Cigas, Park University	
Informatics in the Classroom: An Evaluation of Innovative and Effective Use of Technology in Online Courses – John Buerck, Patricia Bagsby, Stephanie Mooshegian, Lisa Willoughby, Saint Louis University		

6:30 – 8:30: Banquet

How to Train Your Computer: The Need for Quality Embedded Systems Education
John McCormick (University of Northern Iowa)

Saturday

8:30-9:30

Moderator: Dean Sanders	Workshop	Vendor Workshop
Scratch the Workshop and Its Implications on Our World of Computing – Judy Clark, Michael Rogers, Carol Spradling, Northwest Missouri State University	Embedded, and Real-Time Programming with Ada – John W. McCormick, University of Northern Iowa	
Multi-Step Problem Solving Using Scratch: A Preliminary Report – William Siever, Linda Heeler, Phillip Heeler, Northwest Missouri State University		

9:35-9:55

Break (light snacks): Networking – Vendors

Special thanks to UPE and Cerner for their generous support!

10:00-11:00

Moderator: Baoqiang Yan	Workshop	Moderator: Mahmoud Yousef
Five Focused Strategies for Increasing Retention in Computer Science 1 – Tim DeClue, Jeff Kimball, Baochuan Lu, James Cain, Southwest Baptist University	Embedded, and Real-Time Programming with Ada – John W. McCormick, University of Northern Iowa	Using Student Programmed Robots to Motivate Learning- Anna Simmons, University of Missouri-Kansas City
Working to Change Perceptions – Ken Hartness, Sam Houston State University		

11:00-11:40

Break: Networking – Vendors – Poster Sessions

11:45-12:45

Moderator: Judy Mullins	Moderator: Ron McCleary	Lightning Talks
Building a Thriving CS Program at a Small Liberal Arts College – Timothy Urness, Eric Manley, Drake University	Frances-A: A Tool for Architecture Level Program Visualization – Tyler Sondag, Iowa State University; Kian Pokorny, McKendree University; Hridesh Rajan, Iowa State University	
Student Engagement through Applied Learning: The "Live" Business Partnership Model – Deborah Becker, Connie Hecker, Missouri Western State University	Teaching Agile Methodology in a Software Engineering Capstone Course – Baochuan Lu, Tim DeClue, Southwest Baptist University	

1:00-1:50

Luncheon & Business Meeting

2:00-6:00

Student Programming Contest