CCSC:CP Conference Program 2008

Consortium for Computing Sciences in Colleges
14th Annual Central Plains Conference
University of Missouri--Kansas City, Kansas City, Missouri

Friday, April 4th 2008			
8:00 a.m - 8:30 a.m	**PRE-CONFERENCE REGISTRATION** **5th Floor Atrium, Flarsheim Hall**		
9:00 a.m - 12:00 p.m	**ACM SIGCSE PRE-CONFERENCE WORKSHOP** **460 Flarsheim Hall** **Learning to Program With Alice** Dr. Stephen Cooper Associate Professor and Director, Center for Visualization Saint Joseph's University		
12:00 a.m. - 1:00 p.m.	**LUNCH (On Your Own)** **University Center**		
10:00 a.m. - 5:00 p.m.	**CONFERENCE REGISTRATION** **5th Floor Atrium, Flarsheim Hall**		
1:00 p.m. - 2:00 p.m.	**KEYNOTE SPEAKER - 301 Royall Hall** **WELCOME** Dr. Walt Rychlewski Interim Dean, School of Computing and Engineering **Learning the Craft of Software** Bob Martin *President Object Mentor,Inc.*		
2:00 p.m. - 2:30 p.m.	**BREAK**		
	Track 1	**Track 2**	**Track 3**
2:30 p.m. - 3:30 p.m.	**PAPER PRESENTATIONS** **261 Flarsheim Hall** Session Chair: Goran Trajkovski, South University **Computer Literacy in International Service Learning at Park University** Wen-Jung Hsin & Olga Ganzen *Park University* **Reversing the Course: A New Sequence for Teaching Microsoft Office** Jeffrey Kimball *Southwest Baptist University*	**PAPER PRESENTATIONS** **304 Flarsheim Hall** Session Chair: Deborah Becker, *Missouri Western State University* **Taming the Diversity of Information Assurance & Security** J. Paul Myers, Jr., *Trinity University* Sandra Riela, *IAS Consultant* **A Networking Lab Facility on the Cheap: Turning Obstacles into Opportunities** Svetlana Kouznetsova *Sam Houston State University*	**TUTORIAL PRESENTATION** **560L Flarsheim Hall** Session Chair: Mark Hieber, *University of Missouri--Kansas City* **Video Game Development using XNA Game Studio Express and C# Express** Ernest Ferguson, Brandon Heck and Brandon Rockhold *Northwest Missouri State University*
3:30 p.m. - 3:45 p.m.	**BREAK**		
3:45 p.m. - 4:45 p.m.	**PAPER PRESENTATIONS** **261 Flarsheim Hall** Session Chair: Keith Tookey, *Eureka College* **Problem-Based Assessment of the Computer Science Major** Scott Sigman & Carol Browning *Drury University* **A Discovery-based Capstone Experience** John Trono *Saint Michael's College*	**PAPER PRESENTATIONS** **304 Flarsheim Hall** Session Chair: Patrick Kopp, *Avila University* **What Makes a "Good" Game Programming Assignment?** Daniel Cliburn *University of the Pacific* Susan Miller *Kent State University* **Design of a Pedagogical Assembly Language and Classroom Experiences** Robert Silverman & Melanie Martin	**TUTORIAL PRESENTATION** **460 Flarsheim Hall** Session Chair: Barbara Kushan, *Park University* **Alice Frenzy : An Interactive Group Activity** Judy Mullins *University of Missouri--Kansas City* Angela Klein, *William Jewell College*

Time			
	California State University Stanislaus		
4:45 p.m. - 5:00 p.m.	**BREAK**		
5:00 p.m. - 6:00 p.m.	**PAPER PRESENTATIONS** **261 Flarsheim Hall** Session Chair: Bob Neufeld, *McPherson College* **Teaching Recursion Using Recursion Graphs** Wen-Jung Hsin *Park University* **Solving N-Queens Using a Genetic Algorithm** Cecil Schmidt & Richard Eastridge *Washburn University*	**VENDOR SESSION** **5th Floor Atrium, Flarsheim Hall**	**"NIFTY" COURSE ASSIGNMENTS** **304 Flarsheim Hall** Session Chair: Mahmoud Yusef, *University of Central Missouri* **The Soft Side of Software Engineering** Chuck Pheatt *Emporia State University* **Instant Messaging as a Software Design Project** Stephen Fyfe *Central College Iowa* **A Project Approach for Teaching Software Architecture and Web Services in a Software Engineering Course** Rad Alrifai *Northeastern State University*
6:00 p.m. - 6:15 p.m.	**BREAK**		
6:30 p.m. - 8:30 p.m.	**DINNER** **Pierson Auditorium, University Center**		
7:30 p.m.	**DINNER SPEAKER** **Pierson Auditorium** **Creating a CS Minor in Gaming, Simulation and Digital Animation at the Undergraduate Level** Kent Pickett *Missouri Western State University and Mitre Corp.*		

Saturday, April 5th 2008			
8:00 a.m. - 12:00 p.m.	**STUDENT WEB CONTEST** 560L Flarsheim		
8:00 a.m. - 8:30 a.m.	**CONTINENTAL BREAKFAST** 557 Flarsheim		
	Track 1	**Track 2**	**Track 3**
8:30 a.m. - 9:30 a.m.	**PAPER PRESENTATIONS** **261 Flarsheim Hall** Session Chair: Bob Matthews, *Truman State University* **iConnect: An Architecture That Incorporates Web Services to Support Distributed Data** Rad Alrifai *Northeastern State University* **Introducing USB Technology into the Undergraduate CS Curriculum** Chuck Pheatt *Emporia State University*	**LIGHTNING TALKS** **304 Flarsheim Hall** Session Chair: Gary Ury *Northwest Missouri State University*	**TUTORIAL PRESENTATION** **363 Flarsheim Hall** Session Chair: Hui Liu, *Missouri State University* **Organizing and Delivering Real Projects for Real Clients Courses (RPRCCs)** David Klappholz *Stevens Institute of Technology*
9:30 a.m. - 9:45 a.m.	**BREAK**		
9:45 a.m. - 10:45 a.m.	**261 Flarsheim Hall** Session Chair: Charlie Ashbacher, *Mount Mercy College* **Computer Science in**	**VENDOR SESSION** **363 Flarsheim Hall**	**TUTORIAL PRESENTATION** **310 Flarsheim Hall** Session Chair: Appie van de Liefvoort, *University of Missouri - Kansas City*

Kindergarten? Of Course!: The ABC's of the K-12 CSTA Model Curriculum in Computer Science Tim DeClue *Southwest Baptist University* **A Preliminary Report on the Use of Robots with Elementary School Students** Phillip Heeler, Linda Heeler and Scott Bell *Northwest Missouri State University*		**An Introduction to Real-Time Embedded Systems** John McCormick *University of Northern Iowa*

10:45 a.m. - 11:15 a.m.	**BREAK**	**STUDENT POSTER SESSION** **557 Flarsheim Hall**

11:15 a.m. - 12:15 p.m.	**PAPER PRESENTATIONS** **261 Flarsheim Hall** Session Chair: Dave Klappholz, *Stevens Institute of Technology* **Enhancing Student Learning Using Concept Mapping and Learning by Teaching Environment** Xudong Yu & Steve Klein *Southern Illinois University Edwardsville* **Diversity of Cyberinfrastructure: An Opportunity for Enhanced Education and Research** Mufid Abudiab & Ahmed Mahdy *Texas A&M University-Corpus Christi*	**"NIFTY" COURSE ASSIGNMENTS** **304 Flarsheim Hall** Session Chair: Rad Alrifai, *Northeastern State University* **Teaching File Input/Output, Loops, and If-Statements via a Red-Eye Reduction Assignment** Timothy Urness *Drake University* **Decrypting the Shark Text Encryption Scheme** Charles Ashbacher *Mount Mercy College* **Using Alphametics in an Introductory Programming Class** Charles Ashbacher *Mount Mercy College*	**TUTORIAL PRESENTATION** **363 Flarsheim Hall** Session Chair: Khaled Alshare, *Emporia State University* **Intel Threading Building Blocks** Chuck Pheatt *Emporia State University*

12:15 p.m. -12:30 p.m.	**BREAK**
12:30 p.m	**LUNCH** **Student Awards and Business Meeting** **Pierson 106 & Alumni Room, University Center**
2:00 p.m. - 6:00 p.m.	**Student Programming Contest** 460-464, Flarsheim Hall