SIGCSE DENVER 2013

THE CHANGING FACE OF COMPUTING

MARCH 6-9, 2013

home   authors   attendees   reviewers   students   exhibitors/supporters   -->

committee

Back to the SIGCSE 2013 Program

Poster

Friday   3:00 PM - 5:00 PM; Room: Plaza Exhibit

Poster Session II

Embracing the Digital Humanities: A Course on Computing in the Humanities for Undergraduate Computer Science Minor Students (view PDF)

Deena Engel, New York University

A Cloud Computing Curriculum for Undergraduate CS Majors (view PDF)

Edward Walker, Whitworth University

Using the Atmel AVR (Arduino microcontroller) as the Foundation of Beginning Computer Organization Course (view PDF)

Susan Haynes, Eastern Michigan University

Technovation Challenge: Teaching Girls Computer Science & Entrepreneurship (view PDF)

AnnaLise Hoopes, Iridescent, Technovation Challenge

Is Preparing for a Programming Contest Worthy of Academic Credit? (view PDF)

Julie Johnson, Vanderbilt University

Interdisciplinary Computing, Successes and Challenges (view PDF)

Lillian Cassel, Villanova University
Ursula Wolz, Montclair State University

How Students Learn: Ripples in Computer Science/Software Engineering Curriculum (view PDF)

Alison Clear, Christchurch Polytechnic Institute of Technology

Mike Lance, Christchurch Polytechnic Institute of Technology
Amit Sarkar, Christchurch Polytechnic Institute of Technology

Kodu, Alice and Lego Robotics: A three-step model of Effective Introducing Middle School Students to Computer Programming and Robotics. (view PDF)

Daniela Marghitu, Auburn University
Taha Ben Brahim, Auburn University
John Weaver, Auburn University
Yasmeen Rawajfih, Auburn University

A Multi-Level Video Game for Teaching Security (view PDF)

Mario A.M. Guimaraes, Zayed University
Huwida Said, Zayed University

Computing Foundations for the Scientist (view PDF)

Catherine Bareiss, Olivet Nazarene University
Larry Vail, Olivet Nazarene University

On the Many Misconceptions about #Hashtables (view PDF)

Elizabeth Patitsas, University of Toronto
Michelle Craig, University of Toronto
Steve Easterbrook, University of Toronto

Girls in IT: The Facts – A Comprehensive Look at the Latest Research on Gender and Technology in K-12 Contexts (view PDF)

Catherine Ashcraft, NCWIT, University of Colorado

Introducing Privacy in a Data Mining course (view PDF)

Lila Ghemri, Texas Southern University
Ping Chen, University of Houston-Downtown

"Dictionary Wars": An Inverted, Leaderboard-Driven Project for Learning Dictionary Data Structures (view PDF)

Steven Wolfman, University of British Columbia
Kuba Karpierz, University of British Columbia
Joel Kitching, University of British Columbia
Brendan Shillingford, University of British Columbia
Elizabeth Patitsas, University of Toronto

Computer Science-Education Outreach: An Interdisciplinary Collaboration (view PDF)

Jennifer Rosato, College of St. Scholastica
Chery Takkunen, College of St. Scholastica

Improving Hispanic High School Student Perceptions of Computing (view PDF)

Marvin Andujar, Kean University
Lauren Aguilera, Kean University
Patricia Morreale, Kean University
Yerika Jimenez, Kean University
Farah Zabe, Kean University

Developing Game-Like Instructional Modules to Enhance Student Learning in Lower Level Core Computer Science Courses (view PDF)

Jinghua Zhang, Winston-Salem State University
Mustafa Atay, Winston-Salem State University
Rebecca Caldwell, Winston-Salem State University
Elva Jones, Winston-Salem State University

Geospatial Intelligence as a Context for Computing Education (view PDF)

Sambit Bhattacharya, Fayetteville State University
Bogdan Czejdo, Fayetteville State University
Rakesh Malhotra, Fayetteville State University

CloudCoder: Building a Community for Creating, Assigning, Evaluating and Sharing Programming Exercises (view PDF)

Jaime Spacco, Knox College
David Hovemeyer, York College
Matthew Hertz, Canisius College
Paul Denny, University of Auckland
Andrei Papancea, Knox College

DISSECT: Integrating Computational Thinking in the Traditional K-12 Curricula Through

Collaborative Teaching (view PDF)

Sarah Hug, University of Colorado, Boulder
Enrico Pontelli, New Mexico State University
Ben Wright, New Mexico State University
Joshua Sandry, New Mexico State University
Ryan Vordermann, New Mexico State University

Ant Colony Simulation as an Engaging, Extendable, and Easily Gradable Programming Project (view PDF)

Roger West, University of Illinois at Springfield

An experiment to test bug density in students' code (view PDF)

Zalia Shams, Virginia Tech
Stephen H. Edwards, Virginia Tech

A project spine framework for software engineering education (view PDF)

Kevin Gary, Arizona State University
Srividya Bansal, Arizona State University
Arbi Ghazarian, Arizona State University

Student Development of Board Game Strategies in a Web-Based Graphical Infrastructure (view PDF)

Ivona Bezakova, Rochester Institute of Technology
Adam Oest, Rochester Institute of Technology
James Heliotis, Rochester Institute of Technology
Sean Strout, Rochester Institute of Technology

Green Computing in the Introductory Curriculum (view PDF)

Susan Eileen Fox, Macalester College

Interactive Exploration of Huffman Coding (view PDF)

Michael H Goldwasser, Saint Louis University
Nicholas Brown, Saint Louis University