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# Table of Contents

## SIGCSE 2014 Symposium Committee

SIGCSE 2014 Symposium Committee ................................................................. xxvii

## SIGCSE 2014 Reviewers

SIGCSE 2014 Reviewers ....................................................................................... xxviii

## SIGCSE 2015 Call for Participation

SIGCSE 2015 Call for Participation ................................................................... xxxv

## Recipients of the SIGCSE Award for Outstanding Contributions to Computer Science Education

Recipients of the SIGCSE Award for Outstanding Contributions to Computer Science Education ................................................................. xxxvii

## Recipients of the SIGCSE Lifetime Service Award

Recipients of the SIGCSE Lifetime Service Award .......................................... xxxviii

## Keynote Addresses

- **Computational Thinking for All: The Power and the Peril** ................................................................. 1  
  Robert M. Panoff (Shodor Education Foundation)
- **SIGCSE Plus You Equals Leverage** .............................................................................. 3  
  Andrea W. Lawrence (Spelman College)
- **Transforming US Education with Computer Science** ..................................................... 5  
  Hadi Partovi (Code.org)
- **Lab of Things: A Devices Research and Teaching Platform for Home and Beyond** ...................... 7  
  A. J. Bemheim Brush (Microsoft Research)

## Paper Session: Automated Assessment

**Session Chair:** Ashraf Saad (Armstrong Atlantic State University)

- **Increasing the Effectiveness of Automated Assessment by Increasing Marking Granularity and Feedback Units** ................................................................. 9  
  Nickolas Falkner, Rebecca Vivian, David Piper, Katrina Falkner (The University of Adelaide)
- **Adaptively Identifying Non-Terminating Code When Testing Student Programs** .................. 15  
  Stephen H. Edwards, Zalia Shams, Craig Estep (Virginia Tech)
- **Can Computers Compare Student Code Solutions as Well as Teachers?** ............................. 21  
  Matheus Gaudencio (Universidade Federal de Campina Grande), Ayla Dantas (Universidade Federal da Paraíba - Campus IV), Dalton D. S. Guerrero (Universidade Federal de Campina Grande)

## Paper Session: Gamification

**Session Chair:** Mario Guimaraes (Zayed University)

- **An Experience Report on Using Gamification in Technical Higher Education** .................. 27  
  Alexandru Iosup, Dick Epema (Delft University of Technology)
- **How (not) to Introduce Badges to Online Exercises** ....................................................... 33  
  Lassi Haaranen, Petri Ihantola, Lasse Hakulinen, Ari Korhonen (Aalto University)
- **Khan Academy Gamifies Computer Science** ................................................................. 39  
  Briana B. Morrison, Betsy DiSalvo (Georgia Institute of Technology)

## Paper Session: Software Engineering – Projects

**Session Chair:** Jodi Tims (Baldwin Wallace College)

- **Course-Embedded Research in Software Development Courses** ..................................... 45  
  Sonal Dekhane, Richard Price (Georgia Gwinnett College)
• Using a Real World Project in a Software Testing Course ........................................... 49
  Daniel E. Krutz, Samuel A. Malachowsky, Thomas Reichlmayr (Rochester Institute of Technology)

• Student Projects Are Not Throwaways: Teaching Practical Software Maintenance in a Software Engineering Course ................................................................. 55
  Claudia Szabo (The University of Adelaide)

Paper Session: Mathematical Perspectives
Session Chair: David Stucki (Otterbein University)

• Syrus: Providing Practice Problems in Discrete Mathematics with Instant Feedback .......... 61
  Diego Zaccai, Aditi Tagore, Dustin Hoffman, Jason Kirschenbaum, Zakariya Bainazarov, Harvey M. Friedman, Dennis K. Pearl, Bruce W. Weide (The Ohio State University)

• Teaching Theoretical Computer Science Using a Cognitive Apprenticeship Approach .... 67
  Maria Knobelsdorff (New York University), Christoph Kreitz, Sebastian Böhne (University of Potsdam)

• Learning Relational Algebra by Snapping Blocks ......................................................... 73
  Jason Gorman, Sebastian Gsell, Chris Mayfield (James Madison University)

Special Session
Session Chair: Richard Brown (St. Olaf College)

• Bringing CS2013 Recommendations for Parallel and Distributed Computing into Your CS Curriculum .................................................................................................. 79
  Richard Brown (St. Olaf College), Elizabeth Shoop (Macalester College), Joel Adams (Calvin College)

Special Session
Session Chair: Andrew McGetrick (ACM Education Board)

• Toward Curricular Guidelines for Cybersecurity .......................................................... 81
  Andrew McGetrick (ACM Education Board), Lillian N. Cassel (Villanova University), Melissa Dark (Purdue University), Elizabeth K. Hawthorne (Union County College), John Impagliazzo (Hofstra University, Emeritus)

Special Session
Session Chair: Jane Prey (National Science Foundation)

• Understanding NSF Funding ....................................................................................... 83
  Jan Cuny, Jeffrey Forbes, Harriet Taylor, Valerie Barr, Victor Piotrowski, Jane Prey, Paul Tymann (National Science Foundation)

Paper Session: Engaging Students Through Artistic Expression
Session Chair: Netiva Caftori (ACM SIGCAS)

• Engaging Underrepresented Groups in High School Introductory Computing through Computational Remixing with EarSketch ............................................. 85
  Jason Freeman, Brian Magerko (Georgia Institute of Technology), Tom McKlin (The Findings Group), Mike Reilly (Lanier High School), Justin Permar, Cameron Summers, Eric Fruchter (Georgia Institute of Technology)

• Dancing Alice: Exploring Embodied Pedagogical Strategies for Learning Computational Thinking ........................................................................................................... 91
  Shaundra Bryant Daily, Alison E. Leonard, Sophie Jörg, Sabarinsh Babu, Kara Gundersen (Clemson University)

• Underrepresented Middle School Girls: On the Path to Computer Science through Paper Prototyping ................................................................................................. 97
  Ashley Robinson, Manuel A. Pérez-Quihones (Virginia Tech)

Paper Session: Research: Concept Inventories & Neo-Piagetian Theory
Session Chair: Sam Rebelsky (Grinnell College)

• Developing a Pre- and Post-Course Concept Inventory to Gauge Operating Systems Learning ........................................................................................................... 103
  Kevin C. Webb (Swarthmore College), Cynthia Taylor (Oberlin College)
• Misconceptions and Concept Inventory Questions for Binary Search Trees and Hash Tables ................................................................. 109
  Kuba Karpierz, Steven A. Wolfman (University of British Columbia)

• Neo-Piagetian Theory as a Guide to Curriculum Analysis .................................................. 115
  Claudia Szabo, Katrina Falkner (The University of Adelaide)

Paper Session: Active Learning
Session Chair: Susan Reeder (Seattle University)

• Active Learning During Lecture Using Tablets .................................................. 121
  Barry L. Kurtz, James B. Fenwick, Rahman Tashakorki (Appalachian State University), Ahmad Esma'il (Stony Brook University), Stephen R. Tate (University of North Carolina at Greensboro)

• Teaching CS 1 with POGIL Activities and Roles .................................................. 127
  Helen H. Hu, Tricia D. Shepherd (Westminster College)

• Effectiveness of a Computational Thinking (CS0) Course on Student Analytical Skills... 133
  Michele Van Dyne, Jeffrey Braun (Montana Tech of the University of Montana)

Paper Session: Big Data
Session Chair: Krish Narayanan (Eastern Michigan University)

• Integrating Big Data into the Computing Curricula .................................................. 139
  Yasin N. Silva, Suzanne W. Dietrich, Jason M. Reed, Lisa M. Tsosie (Arizona State University)

• An Undergraduate Degree in Data Science: Curriculum and a Decade of Implementation Experience .................................................. 145
  Paul Anderson, James Bowring, Renée McCauley, George Pothering, Christopher Starr (College of Charleston)

• CS Principles Goes to Middle School: Learning How to Teach “Big Data” .................. 151
  Philip Sheridan Buffum (North Carolina State University), Allison G. Martinez-Arocho (Meredith College), Megan Hardy Frankosky, Fernando J. Rodriguez, Eric N. Wiebe, Kristy Elizabeth Boyer (North Carolina State University)

Paper Session: Games
Session Chair: Monica McGill (Bradley University)

• Lessons Learned and Recommended Strategies for Game Development Components in a Computer Literacy Course .................................................. 157
  Robert Collier, Jalal Kawash (University of Calgary)

• Use and Development of Entertainment Technologies in After School STEM Program... 163
  Veronica Catete, Kathleen Wassell, Tiffany Barnes (North Carolina State University)

• Making Games a “Snap” with Stencyl – A Summer Computing Workshop for K-12 Teachers .................................................. 169
  Jiangjiang Liu, Cheng-Hsien Lin, Joshua Wilson, David Hemmenway, Ethan Hasson, Zebulun Barnett, Yingbo Xu (Lamar University)

Panel Session
Session Chair: Mehran Sahami (Stanford University)

• ACM/IEEE-CS Computer Science Curricula 2013: Implementing the Final Report ........ 175
  Mehran Sahami (Stanford University), Steve Roach (Exelis, Inc.), Ernesto Cuadros-Vargas (San Pablo Catholic University), Elizabeth K. Hawthorne (Union County College), Amruth Kumar (Ramapo College of New Jersey), Richard LeBlanc (Seattle University), David Reed (Creighton University), Remzi Seker (Embry-Riddle Aeronautical University)

Special Session
Session Chair: Owen Astrachan (Duke University)

• Diverse Learners, Diverse Courses, Diverse Projects: Learning from Challenges in New Directions .................................................. 177
  Owen Astrachan (Duke University), R. Brook Osborne (Code.org), Irene Lee (Santa Fe Institute), Bradley Beth (University of Texas), Jeff Gray (University of Alabama)
Special Session
Session Chair: Joseph Hollingsworth (Indiana University Southeast)

- **Special Session: Engaging Mathematical Reasoning Exercises**
  Joseph Hollingsworth (Indiana University Southeast), Murali Sitaraman (Clemson University)

Paper Session: Focus on K-12 – Growing the Profession and Professional Development
Session Chair: Shaileen Pokress (Massachusetts Institute of Technology)

- **STEM Teaching as an Additional Profession for Scientists and Engineers: The Case of Computer Science Education**
  Orit Hazzan (Technion - Israel Institute of Technology), Noa Ragonis (Beit Berl College & Technion - Israel Institute of Technology)

- **Spreading the Word: Introducing Pre-Service Teachers to Programming in the K-12 Classroom**
  Scott Bell (Kansas State University), Tim Frey (Doane College), Eugene Vasserman (Kansas State University)

- **Research Experience for Teachers: Data Analysis & Mining, Visualization, and Image Processing**
  Rahman Tashakkori, R. Mitchell Parry (Appalachian State University), Adam Benoit (Lincolnton High School), Rebecca A. Cooper (West Wilkes High School), Jessica L. Jenkins, Nicholas T. Westveer (Watauga High School)

Paper Session: Design – Courses and Curricula
Session Chair: Carl Alphonce (University at Buffalo)

- **The Design of Sweden's First 5-Year Computer Science and Software Engineering Program**
  Fredrik Heintz, Inger Erlander Klein (Linköping University)

- **Bringing Business Intelligence to Healthcare Informatics Curriculum: A Preliminary Investigation**
  Guangzhi Zheng, Chi Zhang, Lei Li (Southern Polytechnic State University)

- **An ACM 2013 Exemplar Course Integrating Fundamentals, Languages, and Software Engineering**
  Jason O. Hallstrom, Cathy Hochrine, Jacob Sorber, Murali Sitaraman (Clemson University)

Paper Session: Collecting and Analyzing Student Data I
Session Chair: Don Blaheta (Longwood University)

- **Measuring Demographics and Performance in Computer Science Education at a Nationwide Scale Using APCS Data**
  Barbara Ericson, Mark Guzdial (Georgia Institute of Technology)

- **Blackbox: A Large Scale Repository of Novice Programmers' Activity**
  Neil C. C. Brown, Michael Kölling, Davin McCall, Ian Utting (University of Kent)

- **Using CodeBrowser to Seek Differences between Novice Programmers**
  Kenny Heinonen, Kasper Hirvikoski, Matti Luukkainen, Arto Vihavainen (University of Helsinki)

Paper Session: Tactile Computing
Session Chair: Robert Lutz (Georgia Gwinnett College)

- **Hands-on Introduction to Computer Science at the Freshman Level**
  Raghu Ramani Balasubramanian, Zachary York, Matthew Doran, Aritra Biswas, Timur Girgin, Karthikeyan Sankaralingam (University of Wisconsin-Madison)
• Ethnocomputing with Electronic Textiles: Culturally Responsive Open Design to Broaden Participation in Computing in American Indian Youth and Communities ......241
  Yasmin B. Kafai, Kristin Searle (University of Pennsylvania), Cristóbal Martinez, Bryan Brayboy (Arizona State University)

• Tracking @stemxcomet: Teaching Programming to Blind Students via 3D Printing, Crisis Management, and Twitter ....................................................247
  Shaun K. Kane (University of Maryland Baltimore County), Jeffrey P. Bigham (Carnegie Mellon University)

Paper Session: Projects and Capstone Courses
Session Chair: Rajeev Agrawal (North Carolina A&T State University)

• An Assessment Model for Large Project Courses ..........................................................253
  Maria Vasilevskaia (Linköping University), David Broman (University of California, Berkeley & Linköping University), Kristian Sandahl (Linköping University)

• Adding Unit Test Experience to a Usability Centered Project Course ...............................259
  Christopher Brown, Robert Pastel, Marika Seigel, Charles Wallace, Linda Ott (Michigan Technological University)

• A Service Learning Practicum Capstone ........................................................................265
  Aaron Bloomfield, Mark Sherriff (University of Virginia), Kara Williams (Center for Nonprofit Excellence)

Panel Session
Session Chair: Richard Ladner (University of Washington)

• Panel of Computing Students with Disabilities ................................................................271
  Richard E. Ladner (University of Washington), Jillian Hall (Auburn University), Samir Jain (Georgia Institute of Technology), CcAhna Lathon (Georgia College and State University), Vincent Martin (Georgia Institute of Technology)

Panel Session
Session Chair: Daniel D. Garcia (University of California, Berkeley)

• Rediscovering the Passion, Beauty, Joy, and Awe: Making Computing Fun Again, part 7 .....273
  Daniel D. Garcia (University of California, Berkeley), Jennifer Campbell (University of Toronto), Rebecca Dovi (Patrick Henry High School), Cay Horstmann (San José State University)

Special Session
Session Chair: Scott Grissom (Grand Valley State University)

• Alternatives to Lecture: Experience Peer Instruction and Pedagogical Code Reviews ............................275
  Scott Grissom (Grand Valley State University), Christopher Hundhausen (Washington State University), Phillip Conrad (University of California, Santa Barbara)

Paper Session: CS2
Session Chair: David Levine (St. Bonaventure University)

• Injecting Parallel Computing into CS2 .............................................................................277
  Joel C. Adams (Calvin College)

• On the Efficacy of Board Game Strategy Development as a First-Year CS Project ..........283
  Ivona Bezáková, James Heliotis, Sean Strout (Rochester Institute of Technology)

• Transforming Introductory Computer Science Projects via Real-Time Web Data ............289
  Austin Cory Bart, Eli Tilevich, Simin Hall, Tony Allevato, Clifford A. Shaffer (Virginia Tech)

Paper Session: Assessment and Evaluation
Session Chair: Ria Galanos (Thomas Jefferson High School for Science and Technology)

• Importance of Early Performance in CS1: Two Conflicting Assessment Stories ...............295
  Leo Porter (Skidmore College), Daniel Zingaro (University of Toronto)
• Reinventing Homework as Cooperative, Formative Assessment .................................................. 301
  Don Blaheta (Longwood University)
• Evaluating an Inverted CS1 ....................................................................................................... 307
  Jennifer Campbell, Diane Horton, Michelle Craig, Paul Gries (University of Toronto)

**Paper Session: Classroom Management**
Session Chair: Peter DePasquale (The College of New Jersey)

• Supporting CS Education via Virtualization and Packages: Tools for Successfully Accommodating “Bring-Your-Own-Device” at Scale .................................................................................. 313
  Andy Sayler, Dirk Grunwald, John Black, Elizabeth White, Matthew Monaco (University of Colorado)
• Framing Classroom Climate for Student Learning and Retention in Computer Science ................................................................................................................................. 319
  Lecia J. Barker (University of Texas), Melissa O’Neill (Harvey Mudd College), Nida Kazim (University of Texas)
• Multiple Case Study of Nerd Identity in a CS1 Class ................................................................. 325
  Don Davis, Timothy T. Yuen (University of Texas at San Antonio), Matthew Berland (University of Wisconsin at Madison)

**Paper Session: Focus on K-12 – Middle School**
Session Chair: Jill Pala (Girls Preparatory School)

• Camp CyberGirls: Using a Virtual World to Introduce Computing Concepts to Middle School Girls ......................................................................................................................... 331
  Caitlin Hulsey, Toni B. Pence, Larry F. Hodges (Clemson University)
• MyCS: CS for Middle-Years Students and Their Teachers ......................................................... 337
  Elizabeth Schofield, Michael Erlinger, Zachary Dodds (Harvey Mudd College)
• Remedying Misperceptions of Computer Science among Middle School Students ............. 343
  Shuchi Grover, Roy Pea, Stephen Cooper (Stanford University)

**Paper Session: Soft Skills – Industry Perspectives**
Session Chair: Sarah Heckman (North Carolina State University)

• Workplace Scenarios to Integrate Communication Skills and Content: A Case Study .......... 349
  Mark E. Hoffman (Quinnipiac University), Paul V. Anderson (Elon University), Magnus Gustafsson (Chalmers University of Technology)
• Comparing Educational Experiences and On-the-Job Needs of Educational Software Designers ......................................................................................................................... 355
  Marisa Exter (Purdue University)
• Evaluating Industry-Inspired Pair Programming Communication Guidelines with Undergraduate Students ................................................. 361
  Mark Zarb. Janet Hughes (University of Dundee), John Richards (IBM T.J. Watson Research Center)

**Panel Session**
Session Chair: David Reed (Creighton University)

• Experiences Mapping and Revising Curricula with CS2013 ..................................................... 367
  David Reed (Creighton University), Andrea Danyluk (Williams College), Elizabeth K. Hawthorne (Union County College), Mehran Sahami (Stanford University), Henry M. Walker (Grinnell College)

**Panel Session**
Session Chair: Erin Mindell (Google)

• CS Professional Development MOOCs ...................................................................................... 369
  Erin Mindell (Google), Karen Brennan (Harvard University), Gwendolyn Britton (Colorado State University), Jennifer S. Kay (Rowan University), Jennifer Rosato (College of St. Scholastica)
Panel Session
Session Chair: Annemieke Craig (Deakin University)

• Looking Outside: What Can be Learnt from Computing Education Around the World? .......................................................... 371
  Annemieke Craig (Deakin University), Catherine Lang (La Trobe University),
  Michail N. Giannakos (Norwegian University of Science and Technology),
  Carsten Kleiner (University of Applied Sciences & Arts), Judith Gal-Ezer (The Open University of Israel)

Paper Session: Peer Instruction
Session Chair: Jian Zhang (Texas Woman’s University)

• Peer Instruction Contributes to Self-Efficacy in CS1 .......................................................... 373
  Daniel Zingaro (OISE - University of Toronto)

• New CS1 Pedagogies and Curriculum, the Same Success Factors? .......................................................... 379
  Christine Alvarado (University of California, San Diego), Cynthia Bailey Lee (Stanford University),
  Gary Gillespie (University of California, San Diego)

• Social Effects of Pair Programming Mitigate Impact of Bounded Rationality .......................................................... 385
  Zhen Li, Eileen Kraemer (The University of Georgia)

Paper Session: Software Engineering – Courses
Session Chair: Cam MacDonell (Grant MacEwan University)

• Improving Software Engineering Education through an Empirical Approach: Lessons Learned from Capstone Teaching Experiences .......................................................... 391
  Andres Neyem, Jose I. Benedetto, Andres F. Chacon (Pontificia Universidad Católica de Chile)

• Selecting Open Source Software Projects to Teach Software Engineering .......................................................... 397
  Thérèse Smith, Robert McCartney, Swapna S. Gokhale (University of Connecticut),
  Lisa C. Kaczmarczyk (Consultant)

• Evaluating GameDevTycoon for Teaching Software Engineering .......................................................... 403
  Claudia Szabo (The University of Adelaide)

Paper Session: Web-based Instruction
Session Chair: John Dooley (Knox College)

• Online Discussions: Improving Education in CS? .......................................................... 409
  Radu P. Mihail (University of Kentucky), Beth Rubin (Miami University),
  Judy Goldsmith (University of Kentucky)

• CrowdGrader: A Tool for Crowdsourcing the Evaluation of Homework Assignments .......................................................... 415
  Luca de Alfaro, Michael Shavelovsky (University of California, Santa Cruz)

• Teaching Composition Quality at Scale: Human Judgment in the Age of Autograders .......................................................... 421
  John DeNero, Stephen Martinis (University of California, Berkeley)

Paper Session: Recruitment and Retention of Underrepresented Groups
Session Chair: Alvaro Monge (California State University Long Beach)

• A Journey Toward Obtaining Our First NSF S-STEM (Scholarship) Grant .......................................................... 427
  An-I Andy Wang, Gary Tyson, David Whalley, Robert van Engelen, Zhenghao Zhang (Florida State University)

• A Support Program for Introductory CS Courses that Improves Student Performance and Retains Students from Underrepresented Groups .......................................................... 433
  Tia Newhall, Lisa Meeden, Andrew Danner, Ameet Soni, Frances Ruiz, Richard Wicentowski (Swarthmore College)

• Project Rise Up 4 CS: Increasing the Number of Black Students Who Pass Advanced Placement CS A .......................................................... 439
  Barbara Ericson (Georgia Institute of Technology), Shelly Engelman, Tom McKlin (The Findings Group),
  Ja’Quan Taylor (Georgia Institute of Technology)
Paper Session: Interdisciplinary Courses and Curricula
Session Chair: Eric Aaron (Vassar College)

- Interdisciplinary Computing Classes: Worth the Effort .................................................. 445
  Lori Carter (Point Loma Nazarene University)
- Computing in the Arts: A Model Curriculum ................................................................. 451
  Bill Manaris, Renée McCauley, Marian Mazzone, William Bares (College of Charleston)
- E pluribus, plurima: The Synergy of Interdisciplinary Class Groups ................................ 457
  Debra S. Goldberg, Elizabeth K. White (University of Colorado Boulder)

Panel Session
Session Chair: Daniel D. Garcia (University of California, Berkeley)

- Teaching Tips We Wish They’d Told Us Before We Started: High School Edition .......... 463
  Daniel D. Garcia (University of California, Berkeley),
  Baker Franke (The University of Chicago Laboratory Schools),
  Stephanie Hoeppner (Clermont Northeastern Schools), Josh Paley (Henry M. Gunn High School)

Special Session
Session Chair: Ruth Anderson (University of Washington)

- Introductory Programming Meets the Real World: Using Real Problems and Data in CS1 ................................................................. 465
  Ruth Anderson, Michael D. Ernst (University of Washington), Robert Ordóñez (Southern Adventist University),
  Paul Pham (The Evergreen State College), Steven A. Wolfman (University of British Columbia)

Panel Session
Session Chair: Helen H. Hu (Westminster College)

- Guided Inquiry Learning in Context: Perspectives on POGIL in CS .................................. 467
  Helen H. Hu (Westminster College), Matthew Lang (Moravian College), Clif Kussmaul (Muhlenberg College),
  Chris Mayfield (James Madison University), Tammy Pirmann (Springfield Township School District)

Paper Session: Research – Predictors, Creative Thinking, Co-linking Courses
Session Chair: Brian Dom (University of Nebraska at Omaha)

- No Tests Required: Comparing Traditional and Dynamic Predictors of Programming Success ................................................................. 469
  Christopher Watson, Frederick W. B. Li, Jamie L. Godwin (University of Durham)
- Integrating Computational and Creative Thinking to Improve Learning and Performance in CS1 ................................................................. 475
  L.D. Miller, Leen-Kiat Soh, Vlad Chiriacescu, Elizabeth Ingraham, Duane F. Shell, Melissa Patterson Hazley (University of Nebraska)
- Perspectives on Co-linking Design and Development Courses in CS .................................. 481
  Yolanda J. Reimer, Michael Cassens (University of Montana)

Paper Session: Focus on K-12 – Informal Education, Curriculum, and Robots
Session Chair: Daniela Marghitu (Auburn University)

- They Can't Find Us: The Search for Informal CS Education ........................................... 487
  Betsy DiSalvo, Cecili Reid, Parisa Khanipour Roshan (Georgia Institute of Technology)
- Curriculum is Not Enough: The Educational Theory and Research Foundation of the Exploring Computer Science Professional Development Model ............................................. 493
  Joanna Goode (University of Oregon), Jane Margolis, Gail Chapman (University of California, Los Angeles)
- Sneaking in through the Back Door: Introducing K-12 Teachers to Robot Programming ........................................................................ 499
  Jennifer S. Kay, Janet G. Moss (Rowan University), Shelly Engelman, Tom McKlin (The Findings Group)
Paper Session: Focus on K-12 – Before Middle School
Session Chair: Valerie Henderson (Emory University)

- Quantitative Correlation Between Ability to Compute and Student Performance in a Primary School
  Osvaldo Luiz de Oliveira (Faculty Campo Limpo Paulista),
  Maria do Carmo Nicoletti (Faculty Campo Limpo Paulista & UFSCar),
  Luis Mariano del Val Cura (Faculty Campo Limpo Paulista)

- Identifying Elementary Students' Pre-Instructional Ability to Develop Algorithms and Step-by-Step Instructions
  Hilary Dwyer, Charlotte Hill, Stacey Carpenter, Danielle Harlow, Diana Franklin
  (University of California, Santa Barbara)

- Code Club: Bringing Programming to UK Primary Schools through Scratch
  Neil Smith (The Open University), Clare Sutcliffe, Linda Sandvik (Code Club)

Paper Session: Security Among the Cloud
Session Chair: Elizabeth Hawthorne (University of Maryland University College)

- Teaching the Security Mindset with Reference Monitors
  Justin Cappos (NYU-Polytechnic University), Richard Weiss (The Evergreen State College)

- Harnessing the Cloud for Teaching Cybersecurity
  Khaled Salah (Khalifa University of Science, Technology and Research (KUSTAR))

- Taking a Walk on the Wild Side: Teaching Cloud Computing on Distributed Research Testbeds
  Yanyan Zhuang (NYU Poly & University of British Columbia),
  Chris Matthews, Stephen Tredger, Steven Nesa, Jesse Short-Gershman, Li Ji, Niko Rebenich, Andrew French,
  Josh Erickson, Kylieah Clarkson, Yvonne Coady (University of Victoria), Rick McGeer (HP Labs)

Panel Session
Session Chair: Leisa D. Thompson (NCWIT & University of Virginia)

- Recruit and Retain Women in Undergraduate Computing: Success Stories Using Research-Based Practices
  Leisa D. Thompson (NCWIT & University of Virginia), Crystal Eney (University of Washington),
  Ruth Davis (Santa Clara University), Tiffany Grady (University of Texas at Austin)

Panel Session
Session Chair: Jan Cuny (National Science Foundation)

- CS Principles Professional Development: Only 9,500 to Go! Lessons Learned from our CS10K Summer 2013 PD
  Jan Cuny (National Science Foundation), Diane A. Baxter (University of California, San Diego),
  Daniel D. Garcia (University of California, Berkeley), Jeff Gray (University of Alabama),
  Ralph Morelli (Trinity College)

Panel Session
Session Chair: Paul Medlock-Walton (Massachusetts Institute of Technology)

- Blocks-Based Programming Languages: Simplifying Programming for Different Audiences with Different Goals
  Paul Medlock-Walton (Massachusetts Institute of Technology),
  Kyle J. Harms (Washington University in St. Louis), Eileen T. Kraemer (University of Georgia),
  Karen Brennan (Harvard University), Daniel Wendel (Massachusetts Institute of Technology)

Panel Session
Session Chair: Richard Brown (St. Olaf College)

- Teaching Parallel Design Patterns to Undergraduates in Computer Science
  Richard A. Brown (St. Olaf College), Joel C. Adams (Calvin College),
  Clayton Femer (University of North Carolina at Wilmington), Elizabeth Shoop (Macalester College),
  Barry Wilkinson (University of North Carolina at Charlotte)
Paper Session: Operating Systems and Programming Languages
Session Chair: Ariel Ortiz Ramirez (Tecnológico de Monterrey, Campus Estado de México)

- Teaching Operating Systems Using Code Review .................................................. 549
  Christoffer Dall, Jason Nieh (Columbia University)

- A Virtual Graphics Card for Teaching Device Driver Design ............................... 555
  Christopher Corsi, Robert Geist, Dennis Lingerfelt (Clemson University)

- PLCC: A Programming Language Compiler Compiler ........................................ 561
  Timothy Fossum (SUNY College at Potsdam)

Paper Session: Soft Skills – Academic Perspectives
Session Chair: Briana Morrison (Georgia Institute of Technology)

- Teaching and Learning Computer Science Soft Skills Using Soft Skills: The Students’ Perspective .......................................................... 567
  Orit Hazzan, Gadi Har-Shai (Technion – Israel Institute of Technology)

- Promoting Ecoliteracy in an Introductory Database Systems Course: Activities for the First Week ......................................................... 573
  Daniela Inclezan, Luis Pradanos (Miami University)

- Developing CS/SE Students’ Communication Abilities through a Program-Wide Framework .............................................................. 579
  Janet E. Burge, Gerald Gannod (Miami University), Mike Carter, Alanna Howard, Brian Schultz, Mladen Vouk, David Wright (North Carolina State University), Paul Anderson (Elon University)

Paper Session: What We Say, What They Do
Session Chair: Raghuram Ramanujan (Davidson College)

- Metaphors We Teach By ...................................................................................... 585
  Joseph P. Sanford, Aaron Tietz, Saad Farooq, Samuel Guyer, R. Benjamin Shapiro (Tufts University)

- ‘Explain in Plain English’ Questions Revisited: Data Structures Problems ........ 591
  Malcolm Comey (Queensland University of Technology), Sue Fitzgerald (Metropolitan State University), Brian Hanks (BFHEducational Consulting), Raymond Lister (University of Technology, Sydney), Renée McCauley (College of Charleston), Laurie Murphy (Pacific Lutheran University)

- A Formative Study of Influences on Student Testing Behaviors ....................... 597
  Kevin Buffardi, Stephen H. Edwards (Virginia Tech)

Paper Session: Extending Frameworks
Session Chair: Ellen Walker (Hiram College)

- Using a Software Framework to Enhance Online Teaching of Shader-Based OpenGL ................................. 603
  James R. Miller (University of Kansas)

- Dynamic Program Visualizations – An Experience Report ................................ 609
  James H. Cross II, T. Dean Hendrix, Larry A. Barowski, David A. Umphress (Auburn University)

- Opportunities for Android Projects in a CS1 Course ......................................... 615
  Ivaylo Ilkin (Gettysburg College)

Special Session
Session Chair: Nick Parlante (Stanford University)

- Nifty Assignments ............................................................................................... 621
  Nick Parlante, Julie Zelenski (Stanford University), Josh Hug (Princeton University), John Nicholson (Austin Peay State University), John DeNero (University of California, Berkeley), Antti Laaksonen, Arto Vihavainen (University of Helsinki), Frank McCown (Harding University), Kevin Wayne (Princeton University)
Panel Session
Session Chair: Ursula Wolz (Riversound Solutions, LLC)

- Interdisciplinary Computing in Many Forms
  Lillian (Boots) Cassel (Villanova University), Bonnie MacKellar (St. John’s University), Joan Peckham (University of Rhode Island), Carol Spradling (Northwest Missouri State University), Han Reichgelt (Southern Polytechnic State University), Suzanne Westbrook (University of Arizona), Ursula Wolz (William Paterson University)

Special Session
Session Chair: Murali Sitaraman (Clemson University)

- Special Session: “Hands-On” Tutorial – Teaching Software Correctness with RESOLVE
  Murali Sitaraman (Clemson University), Bruce W. Weide (The Ohio State University)

Special Session
Session Chair: Wanda Dann (Carnegie Mellon University)

- Tutorial: Team Projects with Alice 3
  Wanda Dann, Dennis Cosgrove, Don Slater, Dave Culyba (Carnegie Mellon University)

Paper Session: Tools
Session Chair: Martha Kosa (Tennessee Technological University)

- Defining and Evaluating Conflictive Animations for Programming Education: The Case of Jeliot ConAn
  Andrés Moreno, Erkki Sutinen (University of Eastern Finland), Mike Joy (University of Warwick)

- RSAvisual: A Visualization Tool for the RSA Cipher
  Jun Tao, Jun Ma, Melissa Keranen, Jean Mayo, Ching-Kuang Shen, Chaoli Wang (Michigan Technological University)

- Pythy: Improving the Introductory Python Programming Experience
  Stephen H. Edwards, Daniel S. Tilden, Anthony Allevato (Virginia Tech)

Paper Session: Focus on K-12 – Outreach and Computational Thinking
Session Chair: Giti Javidi (Virginia State University)

- Five Years of Game Programming Outreach: Understanding Student Differences
  Antti-Jussi Lakanen, Ville Isomäki, Vesa Lappalainen (University of Jyväskylä)

- Challenging Stereotypes and Changing Attitudes: The Effect of a Brief Programming Encounter on Adults’ Attitudes toward Programming
  Polina Charters, Michael J. Lee, Andrew J. Ko, Dastyni Loksa (University of Washington)

- The Consume – Create Spectrum: Balancing Convenience and Computational Thinking in STEM Learning
  Ashok Basawapatna, Alexander Repenning, Kyu Han Koh (University of Colorado, Boulder), Mark Savignano (University of Northern Colorado)

Paper Session: MOOCs
Session Chair: Michelle Craig (University of Toronto)

- Facilitating Human Interaction in an Online Programming Course
  Joe Warren, Scott Rixner, John Greiner, Stephen Wong (Rice University)

- An Environment for Learning Interactive Programming
  Terry Tang, Scott Rixner, Joe Warren (Rice University)

- Teaching Creative Problem Solving in a MOOC
  Pascal Van Hentenryck, Carleton Coffin (NICTA & The University of Melbourne)
Paper Session: Collecting and Analyzing Student Data II
Session Chair: Ruth Anderson (University of Washington)

- Introducing Undergraduate Database Students to K-12 Education Research .......................................................... 683
  Chris Mayfield (James Madison University), Carole Ottenheimer (Center for Innovative Technology), Bethann Canada (Virginia Department of Education), Brooke Bell (Center for Innovative Technology)

- Remediation and Student Success in CIS Programs .................................................................................................. 689
  Douglas A. Kranch (North Central State College)

- Identifying Challenging CS1 Concepts in a Large Problem Dataset ................................................................. 695
  Yuliya Cherenkova, Daniel Zingaro, Andrew Petersen (University of Toronto, Mississauga)

Special Session
Session Chair: Paul Tymann (Rochester Institute of Technology)

- Advanced Placement Computer Science: AP Computer Science A and AP Computer Science Principles ................................................. 701
  Paul T. Tymann (Rochester Institute of Technology), Frances P. Trees (Rutgers University), Robert Glen Martin (School for the Talented and Gifted), Richard Kick (Conejo Valley Unified School District), Lien Diaz (College Board, AP Program)

Special Session
Session Chair: Owen Astrachan (Duke University)

- A Public/Private Partnership for Expanding Computer Science in Schools .............................................................. 703
  Owen Astrachan (Duke University), Amy Briggs (Middlebury College), Gail Chapman (University of California, Los Angeles), Joanna Goode (University of Oregon), Brook Osborne, Pat Yongpradit (Code.org)

Panel Session
Session Chair: Paul Anderson (Westminster College)

- Data Science as an Undergraduate Degree ................................................................................................................ 705
  Paul Anderson (College of Charleston), James McGuffee (Northern Kentucky University), David Uminsky (University of San Francisco)

Poster Session I

- Application of a Blended Active Learning Model in Teaching Computer Programming to Non-Majors .................................................. 707
  Chunming Gao (Michigan Technological University), Noriyuki Iwane (Hiroshima City University)

- An Analysis of Difficulties Encountered by Novice Alice Programmers .......................................................... 707
  Kuan-Yu Lin (Taipei Municipal Jianguo High School), Janet Mei-Chuen Lin (National Taiwan Normal University), Hue-Ching Kao (Taipei Municipal Nan Gang High School)

- Exploring Cognitive Processes in Program Comprehension Based on Eye-Movement Analysis ........................................... 707
  Ting-Yun Hou, Yu-Tzu Lin (National Taiwan Normal University), Yu-Chih Lin (Yuanpei University), Cheng-Chih Wu (National Taiwan Normal University)

- ACCE: Automatic Coding Composition Evaluator ................................................................................................. 708
  Stephanie Rogers, Steven Tang, Dan Garcia (University of California, Berkeley)

- Guidelines for Group Work in CS1 .......................................................................................................................... 708
  Cecily Heiner (Southern Utah University)

- Technique for Retaining Low Performing Students: High-Need Student Mentoring Program ................................. 708
  Shearon Brown, Xiaohong Yuan (North Carolina A&T State University)

- Intelligence and Security Informatics: Developing Curricular Modules in Context .................................................... 708
  Wingyan Chung (Stetson University), Albert Chan (Fayetteville State University), Daniel Plante (Stetson University), Ray Villalobos (Seminole State College), Joseph Woodside (Stetson University)
• Teaching Artificial Intelligence as a Lab Science: Basic and Informed Search .......... 709
  Stephanie E. August, Michael A. Fraser, Miguel A. Vazquez (Loyola Marymount University)

• Analysis of Interaction Logs for Online Tutorials ........................................... 709
  Daniel A. Breakiron, Eric Fouh, Sally Hamouda, Clifford A. Shaffer (Virginia Tech)

• ACM Associate-Degree IT Curricular Guidance ............................................. 709
  Elizabeth K. Hawthorne (Union County College), Cara Tang (Portland Community College),
  Jim Nichols (Estrella Mountain Community College),
  Cindy Tucker (Bluegrass Community and Technical College)

• Supporting Computational Algorithmic Thinking (SCAT): Development of a Complex
  Cognitive Capability in African-American Middle-School Girls .......................... 709
  Jakita O. Thomas (Spelman College)

• Towards Engaging Big Data for CS1/2 ....................................................... 710
  Nadeem Abdul Hamid (Berry College), Steven Benzel (Georgia Highlands College)

• Integrating Computer Science and Mathematics in Middle School with Alice ............. 710
  Susan H. Rodger, Daniel MacDonald, Elizabeth Onstwedder, Bella Onwumbiko, Edwin Ward (Duke University)

• Use of Problem-Solving Approach to Teach Scratch Programming for Adult
  Novice Programmers .................................................................................. 710
  Chiung-Pang Chiu (National Chih Nan University)

• Motivational Active Learning for Computer Science Education .......................... 711
  Johanna Pirker, Christian Gütl (Graz University of Technology)

• The Impact of Math Preparedness on Introductory Programming (CS1) Success ........... 711
  Emmett Tomai, Christine F. Reilly (University of Texas - Pan American)

• How Do We Measure Success? A New Instrument for Evaluating Girls' Progress
  in Middle and High School Computing Programs .......................................... 711
  Catherine Ashcraft, Wendy Dubow, Zhen Wu (University of Colorado)

• Developing a Game-Based Learning Curriculum for “Big Data” in Middle School ........ 712
  Allison G. Martínez-Arocho (Meredith College),
  Philip Sheridan Buffum, Kristy Elizabeth Boyer (North Carolina State University)

• Kodu Alice and Computer Science Unplugged: A Model of Effective Introducing
  Middle School Students to Computer Science and Computational Thinking ............ 712
  Daniela Marghitu, Lavaris Thomas, Yasmeen Rawajfih, Jillian Hall, Andrew Marshall (Auburn University)

• Who Drops CS1? ...................................................................................... 712
  Diane Horton, Michelle Craig (University of Toronto)

• Revitalizing the Computer Science Undergraduate Curriculum Inside and Outside
  of the Classroom Using Mobile Computing Platforms .................................. 713
  Shiva Azadegan, Josh Dehlinger, Siddharth Kaza (Towson University)

• A First Year Common Course on Computational Problem Solving and Programming .... 713
  Bruce W. Char, Thomas T. Hewett (Drexel University)

• Altruism Among Programmers: The Availability and Effectiveness of On-Line,
  Spontaneous Peer Mentoring in Competitive Problem Solving ............................ 713
  David Sturgill (North Carolina State University)

• Observations of First Learners with Different Capabilities .................................. 714
  Amber Wagner, Jeff Gray (University of Alabama)

• “Come Code with Codester”: An Educational App that Teaches Computer Science .... 714
  Gili Rusak, Darren Lim (Siena College)

• Implementing a Living Lab Approach to Foster Innovation in an Advanced Software
  Engineering Course .............................................................................. 714
  Jean H. French (Coastal Carolina University)
• **MyCS: Building a Middle-Years CS Curriculum** .......................................................... 714
  Thomas Ashmore, Sorathan Chaturapruek, Zachary Dodds, Corinne Druhan, Bridgette Eichelberger, Michael Erlinger, Elizabeth Schofield (Harvey Mudd College)

• **OCTAL: Online Course Tool for Adaptive Learning** ............................................... 715
  Daniel Armendariz, Zachary MacHardy, Daniel D. Garcia (University of California, Berkeley)

**Poster Session II**

• **Use of Mobile Application to Improve Active Learning and Student Participation in the Computer Science Classroom** .......................................................... 717
  Debzani Deb, Mohammad Muztaba Fuad (Winston-Salem State University)

• **New Hands-on Labs on Browser Security** .............................................................. 717
  Wenliang (Kevin) Du (Syracuse University), Li Yang, Joseph Kizza (University of Tennessee at Chattanooga), Xiaohong Yuan (North Carolina A&T State University)

• **An Integrated Approach to Teaching of Abstract Query Languages and Their Implementations** .............................................................. 717
  Rajshekhar Sunderraman (Georgia State University)

• **The Rising Renaissance Engineer Spectrum Awards** ........................................... 717
  Martha J. Kosa, Ambareen Siraj (Tennessee Technological University)

• **Developing and Using an In-House Plugin for Easy Social Network Programming** ................................. 718
  Anna Koufakou, Dahai Guo (Florida Gulf Coast University)

• **Utilizing Gamification with Social Network to Aid Students in Programming Languages Lessons in Higher Education IT Courses** ..................................... 718
  Marcell Amorim Almeida Mesquita (Centro Universitário do Estado do Pará), Armando Maciel Toda, Jacques Duilio Brancher (Universidade Estadual de Londrina), Ricardo Melo Casseb do Carmo (Centro Universitário do Estado do Pará)

• **A Comparison of Two Approaches for Hint Generation in Programming Tutors** .......................................................... 718
  Andrew Hicks, Barry Peddycord III, Irena Rindos, Christopher Simmons (North Carolina State University)

• **Collaborative Programming Exercises in Virtual Worlds** ..................................... 719
  Johanna Pirker, Christian Gütl, Frank Kappe (Graz University of Technology)

• **Impact of Programming Language on Success in High School Programming Contests** .......................................................... 719
  Stoney Jackson, Heidi Ellis, Robert Crouse (Western New England University)

• **Mission Critical: Building Community to Engage Young Women in Computer Science** .......................................................... 719
  Amanda Ochsner (University of Wisconsin-Madison), Rane Johnson-Stempson (Microsoft Research), Matthew Berland (University of Wisconsin-Madison)

• **Interactive E-Learning Modules for Teaching Secure: A Pilot Study** ....................... 719
  Sagar Raina, Blair Taylor, Siddharth Kaza (Towson University)

• **A Comparison of Two Hands-On Laboratory Experiences in Computers, Networks and Cyber Security for 10th-12th Graders** .......................................................... 720
  Lisa M. Marvel (US Army Research Laboratory), Stephen Raio (US Army Communications-Electronics Research, Development and Engineering Center), Lori Pollock (University of Delaware), David Arty (US Army Communications-Electronics Research, Development and Engineering Center), Gerard Chaney (US Army Research Laboratory), Giorgio Bertoli, Christopher Paprcka, Wendy Choi (US Army Communications-Electronics Research, Development and Engineering Center), Erica Bertoli, Sandra K. Young (US Army Research Laboratory)

• **Scare and Prepare: Increasing Awareness, Safety, and Passion for Cyber-Security** .................. 720
  Prem Uppuluri, Jeff Pittges, Joseph Chase (Radford University)

• **An Extensible Scene Graph Library for Teaching Computer Graphics Along the Programmable Pipeline** .......................................................... 720
  Volker Ahlers (University of Applied Sciences and Arts Hannover)
• **Teaching Mobile App Software Development is a Challenge!** ................................................................. 721
  Roy P. Pargas, Punit Kulkarni, Greg Edison, Barbara J. Speziale (Clemson University)

• **The Relationship Between Task Difficulty and Emotion in Online Computer Programming Tutoring** ................................................................. 721
  Joseph B. Wiggins, Joseph F. Grafsaard, Kristy Elizabeth Boyer, Eric N. Wiebe, James C. Lester (North Carolina State University)

• **Looking Glass: A C++ Library for Testing Student Programs Through Reflection** ................................................................. 721
  Scott Turner (University of North Carolina at Pembroke)

• **Parallel Programming Paradigms Illustrated** ................................................................. 722
  David P. Bunde, Michael Graf, Deyu Han (Knox College), Jens Mache (Lewis & Clark College)

• **RIT’s New Minor in Free and Open Source Software and Free Culture** ................................................................. 722
  Stephen Jacobs, Amit Ray, Jonathan Schull (Rochester Institute of Technology)

• **Making Use of the Cognitive Apprenticeship Framework in an Undergraduate Robotics Course** ................................................................. 722
  D. Brian Larkins (Coastal Carolina University)

• **Copper Country Programmers: A Novel Curriculum for Beginning Programmers in Middle and High School** ................................................................. 722
  Leo C. Ureel II, John Earnest, Charles Wallace (Michigan Technological University)

• **Studio K: A Game Development Environment Designed for Gains in Computational Thinking** ................................................................. 723
  Gabriella Anton, Matthew Berland (University of Wisconsin-Madison)

• **PVA (Privacy through Visual Anonymity) Lab for Enhancing CS Education and Outreach** ................................................................. 723
  Ankur Chattopadhyay, Thomas Nehring (Adams State University)

• **Adventures in Hackademia: Leveraging Humanitarian Free/Open Source Software Development in the Class Room** ................................................................. 723
  Remy DeCoesmaker, Stephen Jacobs (Rochester Institute of Technology)

• **Data-Driven Broadened Participation** ................................................................. 724
  Michele S. Roberts (IUPUI)

• **Introducing CodeWorkout: An Adaptive and Social Learning Environment** ................................................................. 724
  Kevin Buffardi, Stephen H. Edwards (Virginia Tech)

• **A First-Year Experience Report on a Model for Statewide Deployment of CS Principles Courses** ................................................................. 724
  Jeff Gray, Mokter Hossain, Jonathan Corley, Amber Wagner, Cassidy Laram (University of Alabama), Mary Boehm, Carol Crawford (A+ College Ready), Kathleen Haynie, Sheryl Packman (Haynie Research and Evaluation), Deepa Muralidhar (North Gwinnett High School), Jeff Baker (Huntsville High School), Roy Black (Loveless Academic Magnet Program), Sandy Faigout (Baker High School), Leella Holt (Muscle Shoals High School), Albert Lilly (Alabama School of Math and Science), Gina McCrory (Lawrence County High School), James Morse (New Century Technology High School), Jennie Roantrree (Bob Jones High School), Jill Westerlund (Hoover High School), Carol Yarbrough (Alabama School of Fine Arts)

• **Remote Pair Programming (RPP) in Massively Open Online Courses (MOOCs)** ................................................................. 725
  Jonathan McKinsey (University of California, Berkeley), Samuel Joseph (Hawaii Pacific University), Armando Fox, Daniel D. Garcia (University of California, Berkeley)

• **Resources for Teaching Web Science to Computer Science Undergraduates** ................................................................. 725
  Frank McCown (Harding University), Michael L. Nelson (Old Dominion University)

**Birds of a Feather: Flock I**

• **Promoting Professional Responsibility and Ethics: The Pledge of the Computing Professional** ................................................................. 727
  John K. Estell (Ohio Northern University), Ken Christensen (University of South Florida)
• An Exploration of Mentor-Protégé Relationships and How to Train Future Mentors ................................................................. 727
  Elissa Redmiles, Jandelyn Plane (University of Maryland)

• Privacy between Technological Capabilities and Society’s Expectations ................................................................. 727
  Ernst Leiss (University of Houston), Lila Ghemri (Texas Southern University)

• CSTA Chapters: Building a CS Community ................................................................. 727
  Frances P. Trees (Rutgers University), Lissa Claybom (Computer Science Teachers Association)

• What Analogies/Metaphors/Similes Do You Use When Teaching CS Concepts? ................................................................. 728
  William (Bill) John Pulling (Fanshawe College)

• Teaching Track Faculty in CS ......................................................................................................................... 728
  Mark Sherriff (University of Virginia), Daniel Garcia (University of California, Berkeley), Jody Paul (Metropolitan State College at Denver)

• Fighting Impostor Syndrome ......................................................................................................................... 728
  Aidan Feldman, Matthew McCullough (GitHub)

• No News in Database Education by All Accounts – Seriously? ......................................................................................... 728
  Carsten Kleinert (University of Applied Sciences & Arts Hannover)

• A Town Meeting: SIGCSE Committee on Expanding the Women-in-Computing Community ......................................................................................................................... 729
  Gloria Childress Townsend (DePauw University)

• Using the Cloud to Replace Traditional Physical Networking Laboratories ......................................................................................................................... 729
  Magdy Ellabidy, John P. Russo (Wentworth Institute of Technology)

• Toolmaker or Scientist? ......................................................................................................................... 729
  Brian Patterson (Ogelthorpe University), William E. J. Doane (IDA Science & Technology Policy Institute)

• Inspiring a Love of Computer Science through the Education of Our Youth ......................................................................................... 729
  Paige H. Meeker (Presbyterian College)

• Debugging Teacher Certification ......................................................................................................................... 730
  Jian Zhang (Texas Woman’s University), Philip Sweany (University of North Texas)

• Introduction to Programming for Scientists and Engineers ......................................................................................... 730
  Peter H. Fröhlich, Joanne Selinski (Johns Hopkins University)

• China’s Perspective from the Viewpoint of Computational Thinking on CS1 for Non-Majors ......................................................................................... 730
  Ming Zhang (Peking University), Bo Li (Xian Jiaotong University), Ginnie Lo (University of Oregon)

• IT Curricular Guidance for Associate-Degree Granting Institutions ......................................................................................... 730
  Elizabeth K. Hawthorne (Union County College), Robert D. Campbell (CUNY Graduate Center),
  Jim Nichols (Estrella Mountain Community College), Cara Tang (Portland Community College),
  Cindy Tucker (Bluegrass Community and Technical College),

• Cats: Not Just a Furry Friend. Using Active Learning in Your Classrooms ......................................................................................... 731
  Nina Onesti, Saul Blanco, John Duncan, Mitja Hmeljak, Dan Richert (Indiana University)

• Preparing Computer Science Students for a Sustainable Future ......................................................................................... 731
  Daniela Inclezan (Miami University)

Birds of a Feather: Flock II

• State-Level Advocacy for Computing Education Reform ......................................................................................... 733
  William Richards Adrion (University of Massachusetts, Amherst)

• How to Decode Student Bottlenecks to Learning in Computer Science ......................................................................................... 733
  Adrian German, Suzanne Menzel, Joan Middendorf, John F. Duncan (Indiana University Bloomington)

• Engaging College Students in Service Learning to Grow the K-12 Computing Pipeline and Prepare the 21st Century Workforce ......................................................................................... 733
  Jamie Payton (University of North Carolina at Charlotte), Tiffany Barnes (North Carolina State University),
  Jason Black (Florida A&M University), Cheryl Seals (Auburn University)

• Data Fluency: Curricular Issues for All Majors ......................................................................................... 733
  Suzanne W. Dietrich (Arizona State University), Don Goelman (Villanova University)
• Teaching Open Source (Software) ................................................................. 734
  Karl Wurst (Worcester State University), Lori Postner (Nassau Community College),
  Stoney Jackson (Western New England University)

• Including HCI and User Experience (UX) Methodologies in Computing Curricula .......... 734
  Debra Lee Davis (Florida International University), Dave Berque (DePaul University),
  Janet Davis (Grimell College), Matt Jadud (Berea College), Paul Resnick (University of Michigan)

• Ensemble: The Sharing Community ............................................................. 734
  Lillian N. Cassel (Villanova University), Lois Delcambre (Portland State University),
  Greg Hislop (Drexel University)

• Survey Courses and AP CS Principles .................................................................. 735
  Chris Mayfield (James Madison University), Dennis Brylow (Marquette University)

• Incorporating Mobile Computing into the CS Curriculum ....................................... 735
  Shiva Azadegan, Josh Dehlinger, Siddharth Kaza (Towson University)

• NSF/IEEE-TCPP Curriculum Initiative on Parallel and Distributed Computing-Core
  Topics for Undergraduates .................................................................................. 735
  Sushil K. Prasad (Georgia State University), Almadena Chetchelkanova (National Science Foundation),
  Anshul Gupta (IBM T.J. Watson Research), Arnold Rosenberg (Northeastern University),
  Alan Sussman (University of Maryland)

• Integrating Active Learning Techniques into Systems Courses ............................... 735
  Michael S. Kirkpatrick (James Madison University), Leo Porter (Skidmore College)

• Teaching Security Using Hands-on Exercises .................................................... 736
  Richard Weiss (The Evergreen State College), Michael E. Locasto (University of Calgary),
  Jens Mache (Lewis & Clark College), Elizabeth Hawthorne (Union County College),
  Justin Cappos (NYU Polytechnic University)

• Community Engagement and Service Learning Opportunities in Computer Science ...... 736
  Douglas E. Harms (DePaul University)

• Technology that Educators of Computing Hail (TECH): Come, Share Your Favorites! .... 736
  Daniel D. Garcia, Dan Armendariz (University of California, Berkeley)

• Using Science Fiction in CS Courses ..................................................................... 736
  Rebecca Bates (Minnesota State University, Mankato), Judy Goldsmith (University of Kentucky),
  Valerie Sunnet (Emory University), Nanette Veilleux (Simmons College)

• Using and Sharing Programming Exercises to Improve Introductory Courses ............ 737
  David Hovemeyer (York College of Pennsylvania), Jaime Spacco (Knox College),
  Robert Duvall (Duke University), Stephen Edwards (Virginia Tech),
  Amruth Kumar (Ramapo College of New Jersey), Andrew Petersen (University of Toronto Mississauga),
  Daniel Zingaro (University of Toronto)

• Making Induction Meaningful, Recursively ......................................................... 737
  Peter-Michael Osera, Brent Yorgey (University of Pennsylvania)

• Web Programming .............................................................................................. 737
  Martin Stepp (Stanford University), Jessica Miller (Microsoft Research)

• Can 3D Virtual World Environments and Game-Based Learning Effectively Teach
  Computer Science Concepts? ............................................................................ 737
  Stephanie E. August (Loyola Marymount University), Jungwoo Ryoo (Pennsylvania State University - Altoona)

Wednesday Workshops

• ITSEED: Hands-on Labs for IT Security Education .............................................. 739
  Yan Bai (University of Washington Tacoma), Xinli Wang (Michigan Technological University)

• Making Games and Apps in Introductory Computer Science .............................. 739
  Tiffany Barnes, Veronica Catete, Drew Hicks, Barry Peddycord III (North Carolina State University)

• Reviewing NSF Proposals: Learn about Effective Proposal Writing
  via the Review Process....................................................................................... 739
  Valerie Barr, Paul Tymann (National Science Foundation)
• Integrating Software Testing into Programming Courses (WISTPC 2014) ................................................................. 739
  Peter J. Clarke (Florida International University), Yujian Fu (Alabama A&M University),
  James Kiper (Miami University), Gursimran Walia (North Dakota State University)

• Teaching Computing with the IPython Notebook ........................................................................................................ 740
  Greg Wilson (Mozilla Foundation), Fernando Pérez (University of California, Berkeley),
  Peter Norvig (Google Inc.)

• Teaching Service-Oriented Programming to CS and SE Undergraduate Students ......................................................... 740
  Xumin Liu, Rajendra K. Raj, Thomas J. Reichlmayer (Rochester Institute of Technology),
  Alex Pantaleev (State University of New York at Oswego), Chunmei Liu (Howard University)

• GENI as a Virtual Laboratory for Networking and Distributed Systems Classes .......................................................... 740
  Vicraj Thomas, Niky Riga, Sarah Edwards (BBN Technologies)

• CABECT: Collaborating Across Boundaries to Engage Undergraduates in Computational Thinking .................................. 741
  S. Monisha Pulimood, Kim Pearson, Diane C. Bates (The College of New Jersey)

• Enhancing Computer Science Education (CSE) with the Use of 3D Printer Technology .................................................. 741
  Robert Lutz, Evelyn Brannock (Georgia Gwinnett College)

• Scala for Introductory CS and Parallelism .......................................................................................................................... 741
  Mark Lewis (Trinity University), Konstantin Läuter, George K. Thiruvathukal (Loyola University Chicago)

• Teach Algorithm Design and Intractability with a Project-Based Curriculum Centered on a Single Intractable Problem: Three Domains to Choose From .................................................. 741
  Andrea F. Lobo, Ganesh R. Baliga (Rowan University)

Friday Workshops

• Exploring Computer Science: Computational Practices in Action .......................................................................................... 743
  Gail Chapman (University of California, Los Angeles), Joanna Goode (University of Oregon)

• Teaching Shared Memory Parallel Concepts with OpenMP .................................................................................................. 743
  Joel Adams (Calvin College), Richard A. Brown (St. Olaf College), Elizabeth Shoop (Macalester College)

• Creating Stimulating, Relevant, and Manageable Introductory Computer Science Projects that Utilize Real-Time Web-Based Data ........................................................................................................... 743
  Eli Tilevich, Clifford A. Shaffer, Austin Cory Bart (Virginia Tech)

• Computational Music Remixing with EarSketch .................................................................................................................. 744
  Brian Magerko, Jason Freeman (Georgia Institute of Technology), Christopher Michaud (Marist School),
  Mike Reilly (Lanier High School)

• Scratch + Xbox Kinect: A Magical Combination for Outreach ............................................................................................... 744
  Victor Norman (Calvin College)

• The Absolute Beginner’s Guide to JUnit in the Classroom ....................................................................................................... 744
  Stephen H. Edwards, Manuel A. Pérez-Quiñones (Virginia Tech)

• Teaching with HF OSS to Provide Students with Real World Experience: An Introduction .................................................. 744
  Darci Burdge, Lori Postner (Nassau Community College), Becka Morgan (Western Oregon University),
  Heidi J. C. Ellis, Stoney Jackson (Western New England University),
  Gregory W. Hislop, Michelle Purcell (Orexel University)

• Guiding Students to Discover CS Concepts and Develop Process Skills Using POGIL ........................................................... 745
  Clifton Kussmaul (Muhlenberg College), Helen H. Hu (Westminster College), Matthew Lang (Google)

• Mobile Computational Thinking with App Inventor 2 ............................................................................................................. 745
  Franklyn Turbak (Wellesley College), Fred Martin (University of Massachusetts, Lowell),
  Shaileen Crawford Pokress (Massachusetts Institute of Technology), Ralph Morelli (Trinity College),
  Mark Sherman (University of Massachusetts, Lowell), David Wolber (University of San Francisco)

• Using the New Lego MindStorms EV3 Robotics Platform in CS Courses ........................................................................... 745
  Frank Klassner (Villanova University), Ben Schaefer (University of Northern Iowa)
• AP CS Principles and The Beauty and Joy of Computing Curriculum ............................................746
  Daniel D. Garcia, Brian Harvey (University of California, Berkeley),
  Tiffany Barnes (North Carolina State University),
  Dan Armendariz, Jon McKinsey, Zachary MacHardy, Omoju Miller (University of California, Berkeley),
  Barry Peddycord III (North Carolina State University), Eugene Lemon (Ralph J Bunche High School),
  Sean Morris (Albany High School), Josh Paley (Henry M. Gunn High School)

• Hands-on Cybersecurity Exercises in the EDURange Framework .............................................746
  Richard Weiss (The Evergreen State College), Jens Mache (Lewis & Clark College),
  Michael E. Locasto (The University of Calgary), Vincent Nestler (Capitol College)

Saturday Workshops

• Server-side Web Development with JavaScript and Node.js ......................................................747
  Ariel Ortiz (Tecnologico de Monterrey, Campus Estado de Mexico)

• Artbotics with Lego Mindstorms ..............................................................................................747
  Adam Norton, Holly Yanco (University of Massachusetts, Lowell)

• Using the AP CS Labs in the Classroom ......................................................................................747
  Robert Glen Martin (School for the Talented and Gifted), Paul Tymann (Rochester Institute of Technology),
  Lester Wainwright (Charlottesville High School)

• Learn Java in N Games ...............................................................................................................748
  Peter Drake (Lewis & Clark College), Mark Goadrich (Centenary College of Louisiana)

• Chapel: A Versatile Tool for Teaching Undergraduates Parallel Programming .........................748
  David P. Bunde (Knox College), Kyle Burke (Colby College)

• Introduction to Analysing the BlueJ Blackbox Data ....................................................................748
  Neil C. C. Brown (University of Kent)

• Introducing Secure Coding in CS0, CS1, and CS2 ......................................................................748
  Blair Taylor, Siddharth Kaza (Towson University), Elizabeth Hawthorne (Union County College)

• Projects for Computing Summer Camps for 4th-12th Grade Students ..................................748
  Barbara J. Ericson (Georgia Institute of Technology), Christopher Michaud (Marist School),
  Xin Xu (Georgia Gwinnett College), Krishnendu Roy (Valdosta State University)

• Snap! (Build Your Own Blocks) ..................................................................................................749
  Brian Harvey, Daniel D. Garcia (University of California, Berkeley),
  Tiffany Barnes (North Carolina State University),
  Nathaniel Titterton, Omoju Miller, Dan Armendariz, Jon McKinsey (University of California, Berkeley),
  Zachary Machardy (University of California, Berkeley), Eugene Lemon (Ralph J Bunche High School),
  Sean Morris (Albany High School), Josh Paley (Henry M. Gunn High School)

• Puzzle-Based Learning: Introducing Creative Thinking and Problem Solving for Computer Science and Engineering ..........................................................749
  Raja Sooriamurthi (Carnegie Mellon University), Nickolas Falkner (The University of Adelaide),
  Ed Meyer (Baldwin Wallace University), Zbigniew Michalewicz (The University of Adelaide)

• Dynamic Program Visualizations for Java ....................................................................................749
  James Cross, Dean Hendrix, David Umphress (Auburn University)

• Mobile Computer Science Principles: A Professional Development Sampler for Teachers ..........750
  Ralph Morelli (Trinity College), David Wolber (University of San Francisco),
  Jennifer Rosato (College of St. Scholastica), Chinma Uche (Greater Hartford Academy of Math and Science),
  Pauline Lake (Trinity College)

Back Matter

• SIGCSE 2014 SRC Undergraduate Student Research Abstracts .................................................751

• SIGCSE 2014 SRC Graduate Student Research Abstracts ..........................................................755

Author Index .................................................................................................................................757