Preliminary Program of Events

Friday, April 27

Registration (10:00AM – 5:00PM)

Registration   Burt Kahn Court
                                                              Lobby

Programming Contest (7:45 AM - 12:45 PM)

7:45   Breakfast and registration of teams   Rec Center
                                                            Court 3

8:45   Initial meeting & presentation of problems   Rec Center
                                                            Court 3

9:00   Contest   Rec Center
                                                            Court 4

12:00 Luncheon for the teams   Rec Center
                                                            Court 3

Pre-Conference Workshops (9:00 AM - 12:00 PM)

Workshop 1:   Rec Center
                                                   Athletic Conf Room

Software testing (in Java) from the beginning
    Viera Proulx, Northeastern University, MA

Workshop 2:   Rec Center
                                                            Studio A

*Reducing the learning curve in an introductory programming course
using Visual Logic©*
    Dee Gudmundsen, The College of Saint Rose, NY
    Lisa Olvieri, Chestnut Hill College, PA
    Namita Sarawagi, Rhode Island College, RI

Workshop 3*:*   Rec Center
                                                              Studio B

Learning FOSS collaboration tools & techniques through guided inquiry acitivities
   Clif Kussmaul, Muhlenberg College
   Heidi Ellis, Western New England University
   Gregory Hislop, Drexel University, PA

Workshop 4:   Mancheski Seminar Room

Teaching CS0 with mobile apps using App Inventor for Android
   Hal Abelson, Massachusetts Institute of Technology, MA
   Ralph Morelli, Trinity College, CT
   Stella Kakavouli, Wellesley College, MA
   Eni Mustafaraj, Wellesley College, MA
   Franklyn Turbak, Wellesley College, MA

Vendor Displays (10:00 AM - 5:00 PM)

Vendor Display   Burt Kahn Court

Welcome (1:00 PM - 1:15 PM)

Welcome   Burt Kahn Court

Mark A Thompson, Senior Vice President of Academic and Student Affairs, Quinnipiac University

Plenary Session 1 (1:15 PM - 2:15 PM)

Computing Education Research: Burt Kahn Court
Who is it for? Oh, and why?

   Sally Fincher, Professor of Computing Education, University of Kent, Canterbury, UK

Concurrent Session 1 (2:30 PM - 3:45 PM)

Paper Session 1A

<div align="right">Rec Center
Studio A</div>

Session chair: Barbara Zimmerman, Villanova University, PA

Curricular Issues

Let a hundred contexts bloom: experimenting with introductory computer science
> Valerie Barr, Union College, NY

Early introduction of advanced CS topics to increase student satisfaction
> Deborah Sturm, College of Staten Island (CUNY), NY
> Roberta Klibaner, College of Staten Island (CUNY), NY

Should database courses be required in computer science programs?
> Lisa MacLean, Wentworth Institute of Technology, MA

Panel Session 1B

<div align="right">Rec Center
Studio B</div>

Lessons learned from teaching App Inventor
> Franklyn Turbak, Wellesley College, MA
> Hal Abelson, MIT, MA
> Ralph Morelli, Trinity College, CT
> Eni Mustafaraj, Wellesley College, MA
> Chinma Uche, Greater Hartford Academy of Math and Science

Paper Session 1C

<div align="right">Mancheski Seminar Room</div>

Session chair: Evelyn Stiller, Plymouth State University, NH

Visual Elements

Video vs. text for lab instructions and concept learning
> Eric Breimer, Siena College, NY
> Jami Cotler, Siena College, NY
> Robert Yoder, Siena College, NY

A visual task manager application for individuals with autism
Joo Tan, Kutztown University of Pennsylvania, PA
Heather Duncan, Kutztown University, PA

Break (3:45 PM – 4:30 PM)

Faculty Posters   Burt Kahn Court

Concurrent Session 2 (4:30 PM – 5:45 PM)

Paper Session 2A   Rec Center
Studio A

Session Chair: Michael Jonas, UNH at Manchester, NH

Teaching beyond the major

Programming for the humanities: using targeted games
Evelyn Stiller, Plymouth State University, NH

Ethics for non-computer majors in a digital world
Barbara Zimmerman, Villanova University, PA

AND, OR, NOT: teaching logic in CS0
Lisa Michaud, Merrimack College, MA

Tutorial 2B   Rec Center
Studio B

Hands-on Computing with Arduino
John Vaughn, Hobart and William Smith Colleges, NY

Panel 2C   Mancheski Seminar Room

Collaboration techniques facilitate student learning
Carolee Stewart, Kean University, NJ
Mary V. Connolly, Saint Mary's College, IN
Margaret Menzin, Simmons College, MA
David Arnow, Brooklyn College, NY
Jeffrey A. Stone, Penn State University, PA

Social Hour (6:00 PM - 7:00 PM)

Student Posters   Burt Kahn Court

Dinner Banquet (7:00 PM - 8:30 PM)

Dinner Banquet   Burt Kahn Court

Program of Events

Saturday, April 28

Continental Breakfast (7:30 AM - 8:30 AM)

Continental Breakfast   Burt Kahn Court

Registration (8:00 AM - 10:00 AM)

Registration   Burt Kahn Court
                                                        Lobby

Vendor Displays (8:00 AM - 12:00 PM)

Vendor Displays   Burt Kahn Court

Concurrent Session 3 (8:30 AM - 9:45 AM)

Round Table Session 3A: Burt Kahn Court

  Round Tables: Computer Science in the K-12 Classroom
    Members of the Connecticut Chapter of the Computer Science
    Teachers Association

Panel 3B   Rec Center
                                                        Studio A

  Mobile application development in computing curricula
    Stoney Jackson, Western New England University, MA
    Heidi Ellis, Western New England University, MA
    Stan Kurkovsky, Central Connecticut State University, CT
    Lori Postner, Nassau Community College, NY
    Eni Mustafaraj, Wellesley College, MA

Papers 3C Rec Center
Studio B

Session chair: Patricia Morreale: Kean University, NJ

Reflecting Beyond the Technology
Also *your*job to learn! Helping students to reflect on their learning progress
Stella Kakavouli, Wellesley College, MA

Emphasizing ethics and privacy preservation in an undergraduate data mining course
Trudy Howles, Rochester Institute of Technology, NY

Plenary Session 2 (10:00 AM - 11:00 AM)

Computer Science: Past, Present, and Future Burt Kahn Court

Ed Lazowska, Bill & Melinda Gates Chair in Computer Science & Engineering University of Washington

This keynote is co-sponsored by ACM/SIGCSE

Break (11:00 AM - 11:30 AM)

Break Burt Kahn Court

Concurrent Session 4 (11:30 AM - 12:45 PM)

Paper Session 4A: Rec Center
Studio A

Session chair: Mark Sherman, UMass Lowell, MA

Technologies
Teaching Mobile using Cabana
Paul Dickson, Hampshire College, MA

Using a PIC32 microcontroller and simulator to teach computer organization
Robert Ravenscroft, Rhode Island College, RI

The development of a course covering scripting languages and their applications

Charles Stevenson, Salem State University, MA

Tutorial 4B Rec Center
Studio B

Hybrid cloud tutorial: from planning to classroom
David G. Rilett and Charlie Wiseman, Wentworth Institute of
Technology, MA

Paper 4C Mancheski Seminar Room

Session chair: Valerie Barr, Union College, NY

Broader Impact
**Measuring the impact of computational thinking workshops on
high school teachers**
Patricia Morreale, Kean University, NJ
Catherine Goski, Kean University, NJ
Luis Jimenez, Kean University, NJ
Carolee Steward-Gardiner,Kean University, NJ

**The road to successful academic service learning projects
making the right choices**
Richard Scorce, St. John's University, NY

**Adding micro labs to aid professional development in
information technology class curriculum**
Michael Jonas, UNH at Manchester, NH

Box Lunch (12:45 PM - 1:30 PM)

Box Lunch (not included in registration fee)Burt Kahn Court

Membership Meeting (1:30 PM - 2:00 PM)

Membership MeetingMancheski Seminar Room

Board Meeting (2:00 PM - 4:00 PM)

Board MeetingMancheski Seminar Room

Faculty Posters

1: Advanced study cases for numerical analysis
    Vladimr Riabov, Rivier College, NH

2: Using undergraduate teaching assistants in introductory computer courses
    Sarbani Banerjee, Ramona Santa Maria, Buffalo State College, NY

3: Integrating computer ethics components into the computer science curriculum
    Yana Kortsarts, Adam Fischbach, Widener University, PA

4: Evaluating peer reviews of writing using fault injection
    Delbert Hart, SUNY Plattsburgh, NY

5: Developing a project-based curriculum for the design and analysis of algorithms for intractable problems
    Andrea Lobo, Ganesh Baligg, Rowan University, NJ

6: Student-pull instead of instructor-push: in preparation for a student learning dashboard
    Mihaela Sabin, University of New Hampshire, NH

7: Leveraging online/distance learning methodologies in face to face instructions
    Susan Imberman, College of Staten Island, NT

8: Graphics programming on Android
    Michael Werner, Wentworth Institute of Technology, MA

9: What do students learn? Investigating factors in introductory courses
    Matthew Hertz, Canisius College
    Sarah Ford, University of Massachusetts (Amherst), MA

10: Critical thinking in an introductory programming course
    Sarah Tasneem, Eastern Connecticut State University, CT

About the Keynote Speakers

Sally Fincher
Professor of Computing Education
University of Kent, Canterbury, UK

Sally Fincher is Professor of Computing Education in the School of Computing at the University of Kent, where she leads the Computing Education Research Group. Her work is centrally concerned with the teaching and learning of Computing, with particular emphasis on teachers and teaching practices. She has worked on several major computing education projects, such as the Bootstrapping Research in Computer Science Education series, and the UK Sharing Practice project: http://www.sharingpractice.ac.uk. She is Editor-in-Chief of the Journal Computer Science Education (jointly with Laurie Murphy), is a UK National Teaching Fellow, a Senior Fellow of the UK Higher Education Academy and a Fellow of the Royal Society of Arts.

Ed Lazowska
Bill & Melinda Gates Chair in Computer Science & Engineering
University of Washington
Director, University of Washington eScience Institute
Chair, Computing Community Consortium
Ed Lazowska holds the Bill & Melinda Gates Chair in Computer Science & Engineering at the University of Washington. Lazowska received his A.B. from Brown University and his Ph.D. from the University of Toronto. His research and teaching concern the design, implementation, and analysis of high performance computing and communication systems. Twenty two Ph.D. students and twenty three Masters students have completed their degrees working with him. Lazowska is a Member of the National Academy of Engineering, a Fellow of the American Academy of Arts & Sciences, and a Fellow of ACM, IEEE, and AAAS.