

CALL FOR PARTICIPATION
SIGCSE 2017
Inspire, Innovate, Improve!
The 48th ACM Technical Symposium on
Computer Science Education
March 8 – 11, 2017, Seattle, Washington, USA
<http://www.sigcse2017.sigcse.org>

SIGCSE 2017 welcomes colleagues from around the world to present demos, lightning talks, papers, panels, posters, special sessions, and workshops, and to discuss computer science education in birds-of-a-feather sessions and informal settings. The SIGCSE Technical Symposium addresses problems common among educators working to develop, implement and/or evaluate computing programs, curricula, and courses. The symposium provides a forum for sharing new ideas for syllabi, laboratories, and other elements of teaching and pedagogy, at all levels of instruction.

Submissions are welcomed that are in line with the conference theme, **Inspire, Innovate, Improve!** The theme highlights the aim of SIGCSE to inspire all computing educators to innovate new teaching strategies, and to improve those strategies by engaging in the self-reflection and evaluation necessary to deliver the best possible learning outcomes for all. We are particularly interested in keeping our community connected with interesting educational efforts in upper level courses, open-source software, outreach, and education research. We are continuing to keep our commitment to the inclusion of a wide-variety of submissions in the program that span the spectrum of experience reports to scientifically rigorous educational studies. We are excited for you to be a part of showing our community why we all need to keep computing.

PAPERS

Papers describe an educational research project, classroom experience, teaching technique, curricular initiative, or pedagogical tool. Submitted papers for review will be anonymous. Papers will undergo a blind reviewing process and must not exceed six pages. Accepted papers will need to submit a non-anonymous version for publication in the proceedings after acceptance. Authors will have 25 minutes for their presentations, including questions and answers.

PANELS

Panels present multiple perspectives on a specific topic. To allow each panelist sufficient time to present his or her perspective and still enable audience participation, a panel will normally have at most four panelists, including one moderator. Panel submissions should include a list of the panelists, their affiliations, and a description of the topic, with brief position statements from panelists. Proposals with more than four panelists must provide a statement connecting the extra panelist to the effectiveness of the panel and must convincingly show that each panelist will be able to speak, and the audience able to respond, within the session time. Panel abstracts must not exceed two pages. A panel session is 75 minutes.

SPECIAL SESSIONS

Special sessions are your opportunity to customize and experiment with the SIGCSE conference format. Possible special sessions include a seminar on a new topic, a committee report, or a forum on curriculum issues. More generally, they must be 75 minutes in length, held in standard conference spaces, and justifiably be distinct from the panel, paper, and poster tracks. Within those constraints, the form is yours to design. Special session abstracts must not exceed two pages.

WORKSHOPS

Workshops offer participants opportunities to learn new techniques and technologies designed to foster education, scholarship, and collaborations. A workshop proposal (including abstract) must not exceed two pages. Proposals must specify equipment needs (e.g., participant-supplied laptops, room configurations, and A/V equipment) and any limitation on the number of participants. Workshops are scheduled for a three-hour session and do not conflict with the technical sessions.

BIRDS OF A FEATHER SESSIONS

Birds of a Feather (BoF) sessions provide an environment for colleagues with similar interests to meet for informal discussions. A maximum one-page description (including abstract) is requested to describe the informal discussion topic. A/V equipment will not be provided for these sessions. Each BoF topic is allocated 45 minutes.

POSTERS

Posters describe computer science education materials or research, particularly works in progress. Proposals (including abstract) are limited to two pages. Poster demonstrations are scheduled to permit one-on-one discussion with conference attendees, typically during session breaks. Prepared handouts are encouraged in order to share your work.

LIGHTNING TALKS

Lightning talks describe works in progress, new and untested ideas, or opportunities for collaborative work. The purpose of a lightning talk can be to start a discussion, find collaborators, or receive input and critique about an idea. Proposals are limited to 500 words and will be anonymously reviewed for acceptance. Lightning talk presentations will be 5 minutes each and given without media/slide support.



Association for
Computing Machinery

Advancing Computing as a Science & Profession



DEMOS

Demos provide a way to showcase an educational tool or project in a live setting. Not designed to be sales pitches, demonstrations are a way for the community to see the relevance, potential and innovation of the tool and allow time for discussion with its creator. Proposals (including abstract) are limited to two pages and will be anonymously reviewed for acceptance. Proposals must specify any equipment needs (e.g., power, A/V equipment, space needs). Demos will be 30 minutes in length and will occur during break periods at a designated space in the exhibition hall.

STUDENT RESEARCH COMPETITION

Research from all areas of computer science is considered for awards in two categories of competition: graduate and undergraduate. All submissions must represent a student's individual research contribution and a student must be an ACM student member to qualify for awards and travel grants. Entry due date is Monday, September 26, 2016.

PROCEEDINGS AVAILABILITY

The proceedings will be publicly available from the ACM Digital Library 14 days before the start of the conference. Therefore, the official publication date for the proceedings will be February 22, 2017.

IMPORTANT DUE DATES

Friday, August 26, 2016: *Paper, Panel, Special Session, and Workshop submissions*

Monday, September 26, 2016: *Student Research Competition submissions*

Friday, October 21, 2016: *Birds of a Feather, Demos, Lightning Talks, and Poster submissions*

PROGRAM COMMITTEE

Symposium Chairs

Michael E. Caspersen
Aarhus University
mec@cs.au.dk

Stephen Edwards
Virginia Tech
edwards@cs.vt.edu

Program Chairs

Tiffany Barnes
North Carolina State University
tmbarnes@ncsu.edu

Daniel Garcia
University of California, Berkeley
ddgarcia@berkeley.edu

Panels and Special Sessions

Jian Zhang
Texas Woman's University
jzhang@twu.edu

Workshops

Bo Brinkman
Miami University
Bo.Brinkman@MiamiOH.edu

Michelle Craig
University of Toronto
mrcraig@cs.toronto.edu

Posters

Phil East
University of Northern Iowa
east@cs.uni.edu

Birds Of A Feather

Brian Dorn
University of Nebraska at Omaha
bdorn@unomaha.edu

Lightning Talks

Steven Wolfman
University of British Columbia
wolf@cs.ubc.ca

Demos

Sarah Heckman
North Carolina State University
sarah_heckman@ncsu.edu

Registration

Lynn Degler
Rose-Hulman Institute of Technology
degler@rose-hulman.edu

Cary Laxer
Rose-Hulman Institute of Technology
laxer@rose-hulman.edu

Larry Merkle
Computational Optimization Services
l.merkle@ieee.org

Database Administrators

Brad Miller
Luther College
bmiller@luther.edu

Leen-Kiat Soh
University of Nebraska, Lincoln
lksoh@cs.unl.edu

Publications

Ruth Anderson
University of Washington
rea@cs.washington.edu

Webmaster

Matt Jadud
Berea College
matt_jadud@berea.edu

Treasurer

Paul Tymann
Rochester Institute of Technology
ptt@cs.rit.edu

Sponsor/Exhibitor Liaisons

Tom Cortina
Carnegie Mellon University
tcortina@cs.cmu.edu

Dave Musicant
Carleton College
dmusicant@carleton.edu

Evaluations

Alison Clear
Christchurch Polytechnic Institute of
Technology
alison.clear@cpit.ac.nz

Pre-Symposium & Affiliated Events

Rachelle Kristof Hippler
Bowling Green State University
rkristo@bgsu.edu

Student Volunteers and Student Activities

Sarah Heckman
North Carolina State University
sarah_heckman@ncsu.edu

Sara Melnick
Columbia University
sararielle@gmail.com

S. Monisha Pulimood
The College of New Jersey
pulimood@tcnj.edu

K-12 Liaison

Leigh Ann Sudol-DeLyser
CSNYC
leighann@csnyc.org

International Liaison

Paul Denny
The University of Auckland
paul@cs.auckland.ac.nz

Kids' Camp

Valerie Henderson Summet
Emory University
valerie@mathcs.emory.edu

Charles R. Hardnett
Gwinnett Technical College
chardnett@gwinnetttech.edu

Publicity and Social Media

Christine L. Moore
College of Charleston
moorec@cofc.edu

Local Arrangements

Ruth Anderson
University of Washington
rea@cs.washington.edu

Student Research Competition

Ann Sobel
Miami University (Ohio)
sobelae@miamioh.edu



Association for
Computing Machinery

Advancing Computing as a Science & Profession

