

CALL FOR PAPERS - ASPLOS 2018 ACM Student Research Competition (SRC)

ACM Student Research Competition

Important Dates Abstract submission: 11:59pm PST Friday December 8, 2017.

Acceptance notification: 11:59pm PST Friday Feb 2, 2018.

ASPLOS is the premier forum for multidisciplinary systems research spanning computer architecture and hardware, programming languages and compilers, operating systems and networking, as well as applications and user interfaces. The ASPLOS 2018 will be held in Williamsburg, Virginia, a town that combines a rich slice of American Colonial and Revolutionary history with a modern college atmosphere.

Overview

The 23rd International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS) invites participation in the ACM Student Research Competition (SRC). Sponsored by ACM and Microsoft Research, the SRC is a forum for undergraduates and graduate students to share their research results, exchange ideas, and improve their communication skills while competing for prizes. Students accepted to participate in the SRC are entitled to a travel grant (up to \$500) to help cover travel expenses. The top 3 undergraduate and graduate winners will receive all of the following prizes:

1. Monetary prizes of \$500, \$300, and \$200, respectively.
2. An award medal (gold, silver or bronze) and a one-year complimentary ACM membership with a subscription to ACM's Digital Library.
3. The names of the winners and their placement will be posted on the ACM SRC web site.
4. In addition, the first place winner in each category (undergraduate, graduate) will receive an invitation to participate in the SRC Grand Finals, an on-line round of competitions among the first place winners of individual conference-hosted SRCs. The top three graduate and undergraduate Grand Finalists will receive an additional \$500, \$300, and \$200, respectively, along with Grand Finalist medals (gold, silver, bronze). Grand Finalists and their advisors will be invited to the Annual ACM Awards Banquet for an

all-expenses-paid trip, where they will be recognized for their accomplishments, along with other prestigious ACM award winners, including the winner of the Turing Award.

The SRC consists of two rounds: a poster session and a presentation session. A panel of judges will select a number of finalists from the poster session, who will be invited to the presentation session at ASPLOS 2018 and compete for the prizes. The evaluation will be concentrated on the quality of both visual and oral presentation, the research methods, and the significance of contribution. You can find more information on the ACM Student Research Competition site.

Eligibility

A participant in the SRC must meet all following conditions:

- The participant must submit an up to 800-word abstract outlining the content of a poster that is going to be presented during the competition.
- The abstract must include the poster title, author names, affiliations, and the name of the academic advisor.
- It should describe the research problem, motivation and background, techniques and results, and the prospect for clearly and concisely conveying the work in a poster format.
- It should state the novelty and contributions of the work explicitly.
- The submission deadline is December 8th, 2017 at 23:59 PST.
- The abstract must have not appeared before. Novelty is one of the criteria for selection.
- The abstract and the poster must be authored solely by the participant.
- The participant can be from anywhere in the world, but must be an ACM student member, and must maintain an undergraduate or graduate student status as of December 8th, 2017.
- In your submission, please indicate whether you are an undergraduate or a graduate student.
- You may join ACM prior to entering. Basic student membership is \$19 per year or less www.acm.org/membership.

For each accepted SRC poster, a one-page extended abstract in the ACM format will be included in the ASPLOS 2018 conference proceedings. The content, however, can be included in a future submission to other conferences or journals.

SRC Chair

Shuaiwen Leon Song (Pacific Northwest National Lab and College of William & Mary)
Yufei Ding (University of California, Santa Barbara)

SRC Committee

TBD

Submission Information

Extended abstracts of up to 800 words should be submitted through the following easychair link on or before December 8, 2017:

<https://easychair.org/conferences/?conf=asplos-src18>

Sponsors

The ACM Student Research Competition at ASPLOS 2018 is sponsored by the ACM and Microsoft Research.