

ESWEEK 2019: Call for Student Research Competition

Timeline

Abstract submission: 11:59pm GMT-12 Saturday, July 13, 2019.

Acceptance notification: Sunday, August 11, 2019.

ESWEEK SRC Event: Oct 13-18, 2019

Overview

This year for the first time, the Embedded Systems Week (ESWEEK) invites participation in the ACM Student Research Competition (SRC). ESWEEK is the premier event covering all aspects of embedded systems and software, and it brings together three leading conferences (CASES, CODES+ISSS, EMSOFT), a special track on Internet of Medical Things (IoMT), a symposium (NOCS) and several workshops and tutorials.

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 top 3 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 (<https://src.acm.org/winners/2019>).
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 SRC presentation session at ESWEEK 2019 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 (<https://src.acm.org/>).

SRC Participation Requirements

A participant in the SRC must meet all following conditions:

- The participant must submit an up to 500-word abstract outlining the content of a poster that is going to be presented during the competition.
- The topic of the abstract should be in line with the scope of ESWEEK. Any submission covering research that is relevant for embedded systems can be considered in scope. The authors are encouraged to highlight the connection of their work to embedded systems in their abstracts.
- The abstract 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 also state the novelty and contributions of the work explicitly.
- The submission deadline is July 13th, 2019 at 23:59 GMT-12.
- 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 July 13th, 2019.
- In your submission, please clearly 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.
- Once accepted, participants must register for one of the conferences of ESWEEK.
- Team projects will be accepted from undergraduate students. For team projects, one person should be designated by the team to make the oral presentation.

Only individual research is accepted from graduate (Masters or Ph.D.) students: group research projects will not be considered. However, if an individual is part of a group research project and wants to participate in an SRC, they can only present their part of the research. Only they will receive the travel stipend and monetary award in case they are selected as winners.

- ACM requires students to participate in only one SRC per year (April 1- March 31). However, students that have applied to an SRC of another conference but have not been accepted are eligible to participate.

SRC Chairs

Renato Mancuso (Boston University)

Hyoseung Kim (University of California, Riverside)

SRC Committee

TBA

Submission Information

Extended abstracts of up to 500 words should be submitted through the following link on or before July 13, 2019 (11.59pm GMT-12):

Additional information and submission page: <https://esweek.org/src>

Sponsors

The ACM Student Research Competition at ESWEEK 2019 is sponsored by the ACM SIGBED and Microsoft Research.



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