



ISSCC 2018
Student Research Preview
Call for Student Presentations
Sunday 7:30pm, February 11, 2018



The goals of the ISSCC Student Research Preview is to encourage student participation and networking at ISSCC. In particular, it will provide graduate students (Masters and PhD candidates) with:

- A great opportunity to showcase the directions of their work
- An opportunity to experience ISSCC quality
- An opportunity to interact with others in the ISSCC community
- Encouragement for future regular-paper submissions

More particularly, it will provide graduate students with:

- An opportunity for mutual understanding of academic research styles and cultures
- An opportunity to exchange experiences
- An opportunity to improve communication skills

The ISSCC Student Research Preview is organized as short presentations of work-in-progress in conjunction with a **poster presentation and optional demo**. The presentations and posters will NOT be considered as prepublication in future ISSCC or other SSCS sponsored conferences or journal submissions. However, presenters should not post the work or the title of their presentation on their website (this will be considered prepublication). The focus of the SRP presentation should be on student's novel ideas not published elsewhere and can describe research-in-progress. Multiple authors are allowed, but the *presentation should focus on research from a single student*.

Results with actual silicon implementation are encouraged, although not required. Papers that are being reviewed by another journal or conference do not qualify for the SRP unless there is a significant difference between the SRP submission and the papers already being reviewed. Papers that have been accepted as a regular presentation at ISSCC or that overlap substantially with an accepted ISSCC paper will not be considered for the Student Research Preview session. However, papers that significantly extend a prior ISSCC publication by the student will be considered.

An endorsement from the advisor is required by the submission deadline. Each faculty member can recommend only **one** student from his or her group. **An author, including faculty members, must not appear in more than one submission**. The students should consult with their advisor prior to submitting slides to inform the advisor of this one-submission rule per group and the need to submit an endorsement.

The ISSCC student registration fee will be waived for the presenter of an accepted presentation. Speakers will be contacted about how to claim the free Conference student registration. In addition, SRP presenters can apply for a competitive travel grant through the Solid-State Circuits Society's Student Travel Grant program. A prize for the Outstanding Poster Presentation will be awarded. Please, note that students who have their presentation accepted should apply for a visa as soon as they have received notice of acceptance. Letters of invitation can be received by contacting Melissa Widerkehr: MelissaW@widerkehr.com.

Submission of the Slides

A short PowerPoint presentation must be submitted using a Powerpoint visuals template that is available from the following website (<http://www.epapers.org/isscc2018>). If you are interested in giving a demo during the poster session, please indicate so on the last slide of the submission. In addition, the advisor of the student must send an endorsement to the SRP Secretary, Denis Daly at denis.daly+isscc@gmail.com. The PowerPoint file consists of the following:

- One slide with basic information about the submission (see Template).
- One slide that lists the research area, title of research, student's name, department,

university, contact information, awarded degrees, degree now being pursued, advisor's name, position, and contact information.

- One slide of less than 150-word abstract.
- 5 slides of research overview and research details. References must be made to others' earlier work, preferably that published in ISSCC, JSSC, or other IEEE publications.
- For those who are interested in giving a demo (which is strongly encouraged), fill out the last slide of the submission template.

An acknowledgement will be sent to the authors when the file is received. The author should contact Dr. Denis Daly if he or she does not receive an acknowledgment by email within a couple of days of submission. A template PowerPoint file can be downloaded from the following website <http://www.epapers.org/isscc2018>. A prospective speaker must be a student at the time of the conference.

Submission of Final Presentation and Poster

Accepted speakers will be asked to submit the final PowerPoint presentation slides and poster. Information about the format of the slides and poster will be available on the ISSCC website.

Important Dates

October 25, 2017: Abstract and slide submission deadline
November 13, 2017 Acceptance Notification
January 28, 2017: Submission deadline of final presentation
February 11, 2018: Student Research Preview Presentations (7:30-10pm)

Further Information

Visit the ISSCC Student Research Preview website <http://www.isscc.org/> for further details. Or contact the SRP Chair, Professor SeongHwan Cho at e-mail chosta@kaist.ac.kr tel: +82-42-350-3480 or the SRP secretary Denis Daly at email denis.daly+isscc@gmail.com.

Organizing Committee

SRP Chair: SeongHwan Cho, KAIST

SRP Secretary: Denis Daly, Omni Design Technologies

Advisor: Anantha Chandrakasan, MIT and Jan Van der Spiegel, Univ. of Pennsylvania.

Media/Publications: Laura Fujino, Univ. of Toronto

SRP Committee Members

Jason Anderson, Univ. of Toronto
Masoud Babaie, T.U. Delft
Andrea Baschiroto, Univ. of Milan-Bicocca
Ben Calhoun, Univ. of Virginia
SeongHwan Cho, KAIST
Hayun Chung, Korea Univ.
Denis Daly, Omni Design Technologies
Shidhartha Das, ARM
Andreas Demosthenous, Univ. College London
Chun-Huat Heng, National Univ. Of Singapore
Makoto Ikeda, Univ. of Tokyo
Seulki Lee, IMEC
Yoonmyung Lee, SungKyunKwan Univ.
Salvatore Levantino, Politecnico di Milano
Qiang Li, Univ. Electr. Sc. & Tech.
Shih-Chii Liu, Univ. of Zürich /ETH Zürich
Shahriar Mirabbasi, Univ. of British Columbia
Tinoosh Mohsenin, Univ. of Maryland
Cormac O'Connell TSMC
Mondira Pant, Intel
Shanthi Pavan, IIT
Jae-sun Seo, Arizona State Univ.
Mingoo Seok, Columbia Univ.
Farhana Sheikh, Intel
Bing Sheu, National Taiwan Univ. of Science and Tech.
GuoXing Wang, Shanghai Jiao Tong Univ.
Jeffrey Weldon, CMU
Peter Wu, National Chiao Tung Univ.
Jerald Yoo, National Univ. of Singapore
Samira Zaliasl, IMEC