ITCS 2016

Call for Papers

The **7th Innovations in Theoretical Computer Science (ITCS)** conference, sponsored by the ACM Special Interest Group on Algorithms and Computation Theory (SIGACT), will be held in Cambridge, Massachusetts, USA, **January 14-16, 2016**, with a ~~welcome~~ reception on ~~January 13~~, January 14, 2016.

ITCS (previously known as ICS) seeks to promote research that carries a strong conceptual message (e.g., introducing a new concept or model, opening a new line of inquiry within traditional or interdisciplinary areas, or introducing new techniques or new applications of known techniques). ITCS welcomes all submissions, whether aligned with current theory of computation research directions or deviating from them.

Important Dates

Paper Submission Deadline:	**Monday, August 10, 2015 5:00pm EST**
Notification to Authors:	Tuesday, October 20, 2015
Camera ready papers due:	Friday, November 20, 2015
Conference dates:	Thursday-Saturday, January 14-16, 2016.

Organizer:

Shafi Goldwasser, MIT & Weizmann

Program Committee:

Nikhil Bansal, Eindhoven	Rotem Oshman, Tel Aviv
Eli Ben-Sasson, Technion	Rafael Pass, Cornell
Bernard Chazelle, Princeton	Anup Rao, U. Washington
Moritz Hardt, Google	Omer Reingold, Samsung Research America
Yuval Ishai, Technion	Aaron Roth, U. Penn.
Brendan Juba, Washington U., St. Louis	Rocco Servedio, Columbia
Adam Kalai, MSR	Yaron Singer, Harvard
Anna Karlin, U. Washington	Adam Smith, Penn. State
Sanjeev Khanna, U. Penn.	Madhu Sudan (Chair), MSR
Valerie King, U. Victoria	Greg Valiant, Stanford
Katrina Ligett, Caltech	Thomas Vidick, Caltech
Ruta Mehta, Georgia Tech.	Nisheeth Vishnoi, EPFL

Submission format and style: Submissions should be written such that their content, style, and appearance help to facilitate the reviewing process. Authors should keep in mind that PC members will be directly responsible for the evaluation of many papers. The submission should be addressed to a broad spectrum of theoretical computer scientists, not solely to experts in the subarea.

Appearance:
> Submissions should be typeset using 11-point or larger fonts, in a single-column, with ample spacing throughout and at least 1-inch margins all around. The title page of each submission should contain the paper's title; each author's name, affiliation, and email address; and a short abstract summarizing the paper's contributions. This should be followed by the body of the paper. *Papers not adhering to the requirements on font size and margin length may be rejected summarily.*

Presentation:
> Authors bear the burden of making submissions accessible to the reviewers in their subarea and in the theory of computing at large. It is typically wise for a submission to contain, within its first few pages, a concise and clear presentation of the merits of the paper, including a discussion of its importance, prior work, and an outline (similar to a brief oral presentation) of key technical ideas and methods used to achieve the main claims. The submission should also allow reviewers to easily expand their understanding of any specific detail they deem important to evaluating the submission. *There is no official limit*

on the length of a submission, but in typical cases PC members will not read beyond the first ten pages of the submission.

Prior and simultaneous submission: Simultaneous submission of the same (or essentially the same or overlapping) paper to ITCS 2016 and to another conference with published proceedings will not be considered for acceptance at ITCS 2016. Results previously published or presented at another archival conference prior to ITCS, or published (or accepted for publication) in a journal prior to the submission deadline to ITCS, will not be considered. Simultaneous submission of results to a journal is allowed only if the author intends to publish the paper as a one page abstract in ITCS 2016 (see below). Papers that are accepted and appear as a one page abstract can be subsequently submitted for publication in a journal but should not be submitted to any other conference that has a published proceedings.

Accepted Papers: Papers accepted to the conference must be presented at the conference, and a version of the paper must be published in the proceedings.

Presentation:

> The exact schedule of presentations, including the time allotted for each presentation (which may vary for different presentations), will be decided based on the pool of accepted papers.

Proceedings:

> Typical accepted papers will be allocated roughly ten pages (exact length to be determined later), for publication in an electronic proceedings of the conference. To accommodate the publishing traditions of different fields, authors of accepted papers can *ask the PC chair* that only a one page abstract of the paper appear in the proceedings, along with a URL pointing to the full paper. Authors should guarantee the link to be reliable for at least two years. This option is available to accommodate subsequent publication in journals that would not consider results that have been published in preliminary form in a conference proceedings. The one-page version of such papers must be submitted electronically and formatted just like papers submitted for full-text publication.

Submission Instructions: Authors are required to submit their papers electronically, in PDF (without security restrictions on copying or printing). The submission server is accessible from http://theory.csail.mit.edu/ITCS2016/submission.html.

Contact Information: itcs2016chair@csail.mit.edu.