

IARCS, the Indian Association for Research in Computing Science, announces the 38th Foundations of Software Technology and Theoretical Computer Science conference at Ahmedabad University, Ahmedabad, Gujarat. The FSTTCS conference is a forum for presenting original results in foundational aspects of Computer Science and Software Technology.

Representative areas include, but are not limited to, the following.

- Algorithmic Algebra
- Algorithms and Data Structures
- Algorithmic Graph Theory and Combinatorics
- Approximation Algorithms
- Automata and Formal Languages
- Combinatorial Optimization
- Communication Complexity
- Computational Biology
- Computational Complexity
- Computational Geometry
- Computational Learning Theory
- Cryptography and Security
- Game Theory and Mechanism Design
- Logic in Computer Science
- Machine Learning
- Quantum Computing
- Model Theory, Modal and Temporal Logics
- Models of Concurrent and Distributed Systems
- Models of Timed, Reactive, Hybrid and Stochastic Systems
- Parallel, Distributed and Online Algorithms
- Parameterized Complexity
- Principles and Semantics of Programming Languages
- Program Analysis and Transformation
- Proof Complexity
- Quantum Computing
- Randomness in Computing
- Specification, Verification, and Synthesis
- Theorem Proving, Decision Procedures, and Model Checking
- Theoretical Aspects of Mobile and High-Performance Computing

Submissions

Submissions must be in electronic form via [EasyChair](https://easychair.org) (<https://easychair.org>) using the [LIPICs LaTeX style file](http://drops.dagstuhl.de/styles/lipics-v2018/lipics-v2018-authors.tgz) <http://drops.dagstuhl.de/styles/lipics-v2018/lipics-v2018-authors.tgz>. Submissions must not exceed 12 pages (excluding bibliography), but may include a clearly marked appendix containing technical details. The appendix will be read only at the discretion of the program committee. Simultaneous submissions to journals or other conferences with published proceedings are disallowed. More detailed submission instructions would be provided on the [FSTTCS 2018 submission page](#).

Accepted papers will be published as proceedings of the conference in the [Leibniz International Proceedings in Informatics \(LIPIcs\)](#) as a free, open, electronic archive with access to all. Authors will retain full rights over their work. The accepted papers will be published under a [CC-BY license](#). For an accepted paper to be included in the proceedings, one of the authors must commit to presenting the paper at the conference.

Important Dates

Paper Submission Deadline: July 24, 2018 AOE

Notification to Authors: September 24, 2018 AOE

Camera-ready version submission: October 05, 2018 AOE

Invited Speakers

Prof. Ola Svensson, EPFL, Lausanne, Switzerland

Track-A Program Committee

Name	Organization
Amit Deshpande	Microsoft Research, Bangalore
Anand Louis	Indian Institute of Science, Bangalore, India
Anirban Dasgupta	Indian Institute of Technology, Gandhinagar, India
Anupam Gupta	Carnegie Mellon University, USA
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Jugal Garg	University of Illinois, Urbana-Champaign
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Meena Mahajan	Institute of Mathematical Sciences, India
Michael Karpalov	École Polytechnique Fédérale de Lausanne, Switzerland
Naveen Garg	Indian Institute of Technology, Delhi, India
Neeldhara Misra	Indian Institute of Technology, Gandhinagar, India
Neeraj Kayal	Microsoft Research, Bangalore
Nisheeth Vishnoi	École Polytechnique Fédérale de Lausanne, Switzerland
Nitin Saxena	Indian Institute of Technology, Kanpur, India
Nutan Limaye	Indian Institute of Technology, Bombay, India
Piyush Srivastava	Tata Institute of Fundamental Research, Bombay, India
Prahladh Harsha	Tata Institute of Fundamental Research, Bombay, India
Raghunath Tewari	Indian Institute of Technology, Kanpur, India
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Seeun Umboh	University of Sydney
Siddharth Barman	Indian Institute of Science, Bangalore, India
Sunil Simon	Indian Institute of Technology, Kanpur, India
Thomas Thierauf	Ulm University, Germany
Yossi Azar	Technion, Israel
	More members to be announced...