



11TH INNOVATIONS IN SOFTWARE ENGINEERING CONFERENCE

ISEC 2018

(Formerly known as India Software Engineering Conference)
9th - 11th February 2018 | Hyderabad, India

ISEC is the annual flagship conference of **iSOFT**, the India chapter of **ACM SIGSOFT** (<http://isoft.acm.org>) under the umbrella of **ACM India**. The eleventh edition of ISEC will be held at the **International Institute of Information Technology, Hyderabad, India** (refer to <http://isoft.acm.org/isec2018> for more details). ISEC will bring together researchers and practitioners from across the world to share the results of their work. The goal for the ISEC is to provide a venue for researchers and practitioners from academia and industry as well as students to share cutting-edge innovations in the field of software engineering and its applications.

GENERAL CHAIRS

Y. Raghu Reddy and **Vasudeva Verma** (IIIT Hyderabad)

PROGRAM CHAIRS (RESEARCH TRACK)

Umesh Bellur (IIT Bombay)

Jane Cleland-Huang (University of Notre Dame, USA)

SCOPE (RESEARCH TRACK)

We invite technical papers describing original and unpublished results of foundational, theoretical, empirical, and applied software and systems engineering research. The goal of the conference is to provide a forum for researchers and practitioners from both academia and industry to meet and share problems, experiences, and cutting-edge advancements in the field of software and systems engineering. Submissions are invited in all areas of software and systems engineering, including but not limited to the following:

Software Engineering Processes and Methodologies:

Including topics related to

Agile Methods

Business Process Design and Deployment

Requirements Engineering

Empirical Software Engineering

Safety-Critical Software

Program Specification and Modeling Languages

Software Testing

Engineering for Quality Requirements

Software Deployment and Operations:

Including topics related to

DevOps

Container based Software Artifacts

Dynamic Discovery and Version Management

Handling Container Image Sprawl

Green/Sustainable Data-Center Management

Fault Isolation and Repair in Large Enterprises

Human Factors	Software for the Cloud:
Mobile and Web Applications	Including topics related to
Model Driven Development	Security
Software Evolution and Maintenance	Data Obfuscation
Mining Software Repositories	Application Driven Resource Allocation
Software Product Lines	Cross Cloud Deployment
Software Economics and Metrics	Performance Engineering for Cloud Apps
Self-Adaptive Systems	
Security and Privacy	
Software Analytics	Other Topics
System Modeling and Simulation	System Verification and Validation
Program Comprehension and Visualization	Support for Service Metering and Billing
Traceability	Platform for Services

SUBMISSION DETAILS FOR THE RESEARCH TRACK

Submissions should contain original research and sufficient detail to assess the merits and relevance of the contribution. This year, we invite research papers submissions under two categories: Regular papers and Short papers.

- **Regular** papers should not exceed 11 pages, 10 pages for the main text (including figures, appendix etc.) and 1 page for references in **standard ACM format**.
- **Short** papers should not exceed 5 pages, including references in **standard ACM format**.

Regular paper submissions are expected to contain in-depth descriptions of the new ideas along with detailed evaluation. Short papers may contain, for example, new interesting ideas which may not be evaluated extensively, tool descriptions or case studies. Please note that the papers will be accepted or rejected in the category in which they were submitted; there will be no "demotions" from a Regular to a Short paper.

Submission site: <https://easychair.org/conferences/?conf=isec2018>

IMPORTANT DATES

Abstracts Due	Sep 10, 2017 October 1, 2017
Full Papers Submission	Sep 17, 2017 October 1, 2017
Notification of Acceptance	Nov 25, 2017
Camera Ready Copy Due	Dec 15, 2017

Accepted papers will be published in the ACM Digital Library

Warning: It is ACM's policy to forbid double submissions, where the same paper or even a significant part of the same paper is submitted to more than one conference/journal concurrently. Any double submissions detected will be immediately rejected from all conferences/journals involved