



**Innovations in Software Engineering Conference  
(Formerly known as India Software Engineering Conference)  
Tenth Edition of ISEC at LNM-IIT, Jaipur, India  
5-7 [Sunday-Tuesday] February 2017**

**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 tenth edition of ISEC will be held at **LNM Institute of Information Technology, Jaipur, India**. ISEC will bring together researchers and practitioners from across the world to share the results of their work. The goal of the conference is to provide a forum for researchers and practitioners from both academia and industry to meet and share cutting-edge advancements in the field of software engineering.

**GENERAL CHAIR**

**Ravi Prakash Gorthi** (Dept of CSE, LNMIIT, Jaipur)

**PROGRAM CHAIRS, MAIN RESEARCH TRACK**

**Nenad Medvidovic** (Dept of CS, University of Southern California, Los Angeles, USA)

**Santonu Sarkar** (Dept of CSIS, BITS Pilani – K.K.Birla Goa Campus)

**Scope (Main Research Track)**

We invite technical papers describing original and unpublished results of foundational, theoretical, empirical, and applied software engineering research.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 engineering. Submissions are invited in all areas of software engineering, including but not limited to the following:

<ul style="list-style-type: none"> <li>• Autonomic and (self-)adaptive systems</li> <li>• Big data software engineering</li> <li>• Software for Cloud based systems</li> <li>• Cooperative, distributed, and collaborative software engineering</li> <li>• Debugging, fault localization, and repair</li> <li>• Embedded, wearables, and cyber physical systems</li> <li>• End-user software engineering</li> <li>• Formal methods, verification, and synthesis</li> <li>• Green and sustainable technologies</li> <li>• Human factors and social aspects of software engineering</li> <li>• Methodologies and measures for empirical software engineering</li> <li>• Middleware, frameworks, and APIs</li> <li>• Mining software engineering repositories</li> <li>• Mobile and Web applications</li> <li>• Distributed and concurrent systems</li> <li>• Requirements engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Engineering non-functional requirements</li> <li>• Program analysis and testing</li> <li>• Program comprehension and visualization</li> <li>• Programming, specification, and modeling languages</li> <li>• Recommendation systems and analytics</li> <li>• Scalable, distributed software engineering</li> <li>• Search-based software engineering</li> <li>• Security, privacy, and trust</li> <li>• Software economics, management, and metrics</li> <li>• Software evolution and maintenance</li> <li>• Software architecture, modeling, design, and reuse</li> <li>• Software product lines</li> <li>• Software testing</li> <li>• Tools and environments</li> <li>• Ubiquitous/pervasive software systems</li> </ul>
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**Submission Details for the Main 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, incl. references in standard ACM format.

Regular paper submissions are expected to contain in-depth description 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=isec2017>

**IMPORTANT DATES**

Abstracts Due	Sep 11, 2016	Notification of Acceptance	Nov 08, 2016
Full Papers Submission	Sep 18, 2016	Camera Ready Copy Due	Dec 20, 2016

*Accepted papers will be published in the ACM Digital Library*

**Warning:** It is ACM’s policy to forbid double submissions, where 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.