



# ISEC 2010

## 3<sup>rd</sup> India Software Engineering Conference

Mysore, Feb 25-27, 2010



### In Cooperation With



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## Call For Papers

The ISEC conference is the main yearly conference of the newly created Special Interest Group on Software Engineering, SIGSE ([www.cse.iitd.ernet.in/~sigcse/](http://www.cse.iitd.ernet.in/~sigcse/)) under the umbrella of the Computer Society of India. The **Third ISEC** will be held in Infosys Mysore campus, host to one of the world's largest education centres. ISEC will bring together researchers and practitioners from across the world to share the results of their work. We invite technical papers describing original and unpublished results of conceptual, empirical, and experimental software engineering research and practice. Thus research papers that demonstrate a practical impact and papers describing *Industry Experiences* that connect theory and research to practice are especially welcome. Our goal 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. All submissions should clearly identify their contribution to the state of the art and their potential usefulness. Work that has appeared elsewhere (in some conference or journal) cannot be submitted for ISEC. Work that is currently under consideration elsewhere (a conference or a journal) also cannot be submitted. Submissions are invited broadly in all aspects of software engineering, including but not limited to, the following:

- Requirements Engineering
- Empirical Software Engineering and Metrics
- Software Performance Engineering
- Software Architecture and Design
- Development Paradigms and Processes
- People issues in Software Engineering
- Component Based Software Engineering
- Service oriented software engineering
- Case Studies and Industrial Experience
- Cloud Computing and Software Engg
- Testing and Static Analysis
- Specification and Verification
- Model driven Software engineering
- Tools and Environments
- Maintenance and Evolution
- Quality Management
- Object-Oriented Technology
- Distributed software development
- Software as a Service
- Knowledge based Software Engg
- Agent oriented Software Engg

In cooperation with ACM SIGSOFT, some of the best papers from the flagship conferences FSE (Symposium on Foundations of Software Engg) and ICSE (International Conference on Software Engineering) will be presented as Keynotes/Invited papers in ISEC.

### Important Dates (Submission dates are Final)

Abstracts Due	Sept 15, 2009
Paper submission	Oct 1, 2009
Poster submission	Oct 1, 2009
Demo Abstract submission	Oct 1, 2009
Notification of acceptance	Nov 14, 2009
Camera ready copy due	Dec 4, 2009
Conference	Feb 25-27, 2010
Tutorials	Feb 25, 2010

### Paper Submission

Research Paper submissions will be reviewed and evaluated based on originality, technical quality, and relevance to conference. Submission of papers will be carried out electronically via the Web in PDF format. Research Papers should not exceed ten pages, and follow ACM SIG guidelines: <http://www.acm.org/sigs/pubs/proceed/template.html>. We plan to have the proceedings published through ACM and have it available in ACM Digital library. There are also plans to bring out a special issue in some journal of repute. Please visit <http://www.easychair.org/conferences/?conf=isec2010> to submit your paper.

## Program Committee

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**Experience Reports** Experience reports are not meant to report new results or new knowledge but describe some interesting experience that is not clear or known. It could be on experience with some technology or methodology, or anything else. A clear connection of theory and research to practice, is expected to be demonstrated. An experience report is expected to give a brief description of current state of practice in the chosen problem to motivate the importance of what is being discussed, describe the approach or experiment, and must clearly document the benefits or reasons why the experience should be of interest to readers. The paper should also cite some key references in theoretical and other work on that problem and relate the work done to the existing theories and concepts in that problem area. An experience report is generally not very useful if it merely describes "this is how we did it" - proper context, motivation, comparison, and references must be provided. Experience reports should also follow the ACM format and must be no more than 10 pages long. Please visit <http://www.easychair.org/conferences/?conf=isec2010> to submit your experience report, Prefix "Experience Report" to your title.

**Posters** Short work-in-progress papers describing an incomplete yet powerful idea, both in area of research as well as experience, are welcome, restricted to not more than 2 full size papers. Please visit <http://www.easychair.org/conferences/?conf=isec2010> to submit your poster, Prefix "Poster" to your title.

**Demos** We invite practitioners and researchers to submit interesting demos, as part of the conference. Interested participants can submit a 2-page abstract of the demo <http://www.easychair.org/conferences/?conf=isec2010> to submit your poster, Prefix "Demo" to your title. Demo participants are expected to bring their own laptops (Net access provided)

## Tutorials

There will be a limited number of tutorials in the conference. Proposals for tutorials, including about two paragraphs on proposed topic, its relevance to SE audience, and details of presenter, may be sent to the tutorial chair.

## Student Symposium

This symposium is directed at The symposium is open to the students of M.Tech program (in second year) or PhD program (after 3rd year). The student (with approval from adviser) needs to submit a viewgraph /proposal of about 5 pages with the detailed proposal covering motivation and background for the work and importance of the topic, status of current and future work, alongside providing a review of the literature highlighting the research gaps and the positioning of your work w.r.t the current art. Also include an outline of the work including a rigorous analysis of the work highlighting the novelty/originality/innovativeness of your work.

This is an excellent forum for the student to get feedback from the researchers and industry professionals in the field, not to mention the possibility of opportunity to work with research groups in industry and academia. Please contact symposium chair for any additional details.

## For Inquiry

More information about ISEC2010 visit:

<http://www.cse.iitd.ernet.in/~sigcse/isec2010/> or contact the chairs.