

# Programme for ISEC 2011

## Schedule

Time	Session Name	Speakers/Papers
<b>2<sup>nd</sup> Half DAY 0 : Feb 24, 2011 and 1<sup>st</sup> Half DAY 1: Feb 24, 2011</b>		
1200 onwards	<b>REGISTRATION</b>	
1500-1800 Feb 23 and 0900-1200 Feb 24	<b>Workshops</b>	1. Second India Workshop on Reverse Engineering
1500-1800 Feb 23 and 0900-1200 Feb 24		2. Empirical Software Engineering
1500-1800 Feb 23 and 0900-1200 Feb 24		3. Workshop on Advances in Model-based Software Engineering
1500-1800 Feb	<b>Tutorials</b>	1. How to Collect and Analyse Evidence: An Introduction to Empirical Software Engineering - Professor A. S. M. Sajeed, University of New South Wales, Australia

23 and 0900- 1200 Feb 24		
1500- 1800 Feb 23		2. Principles of program slicing - Theory and Applications - Professor Rajib Mall(IIT KGP), Dr. Ansuman Banerjee (ISI Kolkata)
0900- 1200 Feb 24		3. Novel approach for software reliability modeling based on information feedback. Manjunath R, Philips Healthcare - Bangalore Centre of Competence
0900- 1200 Feb 24		4. Model Based Testing of Safety Critical Control Systems – Jeppu Yogananda and Dr. Selvamurugan Hariram MOOG India Technology Center

### DAY 1 : Feb 24, 2011

1100 onwards	<b>REGISTRATION</b>	
1330- 1400	<b>INAUGURATION</b>	
1400- 1500	<b>Keynote 1</b>	<b>Gail Murphy, University of British Columbia</b>
1500- 1515	<b>BREAK</b>	
1515- 1600	<b>Invited Talks: FSE/ICSE Session 1</b>	Minghui Zhou and Audris Mockus, Developer Fluency: Achieving True Mastery in Software Projects
1600- 1730	<b>Research Papers 1</b>	1. Siva Dorairaj. Bridging Cultural Differences - A Grounded Theory
		2. Luciano Baresi and Sam Guinea. A3: Self-Adaptation Capabilities through Groups and Coordination

		3.	Subhajit Datta, Renuka Sindhgatta and Bikram Sengupta. Evolution of Developer Collaboration on the Jazz Platform - A Study of a Large Scale Agile Project
<b>DAY 2: Feb 25, 2011</b>			
0900-1100	Research Papers 2	1.	Dipankar Das, P.P. Chakrabarti and Purnendu Sinha. Robust Embedded Software Design through Early Analysis of Quality Faults
		2.	Jean-vivien Millo, Swarup Mohalik and Ramesh S. Integrated analysis of software product lines: a constraint based framework for consistency, liveness, and commonness checking
		3.	Puneet Agarwal. Continuous SCRUM: Agile Management of SAAS Products
		4.	Ashish Agrawal. Semantics of Business Process Vocabulary and Process Rules
1100-1115	<b>BREAK</b>		
1115-1245	Research Papers 3	1.	Udayan Banerjee, Eswaran Narasimhan and Kanakalata Narayanan. Experience of Executing Fixed Price Off-shored Agile Project
		2.	Raveendra Kumar M and Hari Kumar Ramasastry. Architectural Refactoring of a Mission Critical Integration Application – A Case study
		3.	Balbir Barn, Tony Clark and Samia Oussena. LEAP: A Precise Lightweight Framework for Enterprise Architecture
1245-1400	<b>LUNCH</b>		
1400-1445	Invited Talk: FSE/ICSE Session 2	Jane Cleland-Huang, <b>Adam Czauderna</b> , John Emenecker, Marek Gibiec A Machine Learning Approach for Tracing Regulatory Codes to Product Specific Requirements	
1445-1500	<b>BREAK</b>		
1500-1645	Short Papers	1.	Liviu Gabriel Cretu. Event-driven replication in distributed systems
		2.	Shrawan Kumar, Shubhangi Khare and Sandeep Saraswat. Static Program Analysis of Large Embedded Code Base - an Experience
		3.	Bharti Chimdyalwar and Shrawan Kumar. Effective False Positive Filtering for Evolving

		Software
		4. Anushri Agrawal and RD Naik. Towards Assuring Non-recurrence of Faults leading to Transaction Outages – an Experiment with Stable Business Applications
		5. Ajit Shenvi. Software FMEA : A learning Experience
		6. Pankaj Jalote and Arvind Gupta. Using Global Pairs for Reducing Software Development Time
		7. Swati Singhal, Atul Sunsunwal, Sandeep Kumar Singh and Sangeeta Sabharwal. EBTCG- A tool for Event Based Test Case Generation
1645-1700	<b>BREAK</b>	
1700-1800	Keynote 2	K Ananth Krishnan, Chief Technology Officer, Tata Consultancy Services
1900-2200	<b>Culrtural Program and Conference Dinner</b>	
<b>DAY 3 : Feb 26, 2011</b>		
0900-1100	Research Papers 4	1. Mahesh Shirole, Amit Suthar and Rajeev Kumar. Improved Test Cases Generation from UML State Diagram Using Genetic Algorithm
		2. Philippe Dugerdil, Julien Repond and Pietro Descombes. Use-Case and Scenario Metamodeling for Automated Processing in a Reverse Engineering Tool
		3. Damien Lacoste, Kiran Sawant and Suman Roy. An efficient XML to OWL converter
		4. Jean-Claude Royer and Hugo Arboleda. Software Components Qualification in Java Legacy Code Driven by Communication Integrity Rules
1100-1115	<b>BREAK</b>	
1115-1245	Research Papers 5	1. Deva Kumar Deeptimahanti and Ratna Sanyal. Semi-automatic Generation of UML models from Natural Language Requirements
		2. Chaitanya Kothapalli, Ganesh Samarthyam Govindachetty, Himanshu Kumar Singh, Radhika Venkatasubramanyam, Rajaram Thiyagarajan, Ravikanth Kandula, Shrinath Gupta and Kiron Rao. Experience Report: Continual Monitoring of Code Quality

		3.	Diptikalyan Saha and Vishal Narula. Gramin: A System for Incremental Learning of Programming Language Grammars
1245-1400	<b>LUNCH</b>		
1400-1500	<b>Research Papers 6</b>	1.	Ashish Sureka, Atul Goyal and Ayushi Rastogi. Using Social Network Analysis for Mining Collaboration Data in a Defect Tracking System for Risk and Vulnerability Analysis
		2.	Roberto Tonelli, Giulio Concas, Michele L. Marchesi and Alessandro Murgia. An Analysis of SNA metrics on the Java Qualitas Corpus.
1500-1530	<b>BREAK</b>		
1530-1615	<b>Invited Talk FSE/ICSE Session 3</b>	Nishant Sinha and Chao Wang, Staged Concurrent Program Analysis	
1615-1630	<b>CLOSING</b>		