22nd ACM SIGSOFT International Symposium on the Foundations of Software Engineering
November 16–21, 2014
Hong Kong
http://www.sigsoft.org/fse22/

Call for Papers

The ACM SIGSOFT International Symposium on the Foundations of Software Engineering (FSE) is an internationally renowned forum for researchers and practitioners from academia and industry to present and discuss the most recent innovations, trends, experiences, and challenges in software engineering. We invite high quality submissions describing original and unpublished results of theoretical, empirical, conceptual, and experimental software engineering research. We solicit submissions relating to all aspects of software engineering. Topics of interest include, but are not limited to:

- Architecture and design
- Big data and software engineering
- Components, services, and middleware
- Configuration management and deployment
- Distributed, parallel, and concurrent software
- Dynamic, adaptive, and autonomic systems
- Embedded and real-time software
- Empirical software engineering
- End-user software engineering
- Formal methods
- Human and social factors
- Knowledge-based software engineering
- Mining software repositories
- Mobile, ubiquitous, and pervasive software
- Model-driven software engineering
- Patterns and frameworks
- Policy and ethics
- Privacy and security
- Processes and workflows
- Program analysis
- Program comprehension and visualization
- Requirements engineering
- Reverse engineering
- Safety-critical systems
- Scientific computing
- Software engineering education
- Software evolution and maintenance
- Software metrics
- Software reliability and quality
- Software testing
- Specification and verification
- Tools and development environments
- Web applications and cloud computing
- Service-oriented architectures

Program Committee

Luciano Baresi, Politecnico di Milano; Victor Braberman, Universidad de Buenos Aires; Teofilo Bultan, University of California Santa Barbara; Antonio Carzaniga, University of Lugano; Wing-Kwong Chan, City University of Hong Kong; Satish Chandra, IBM Research – India; Jane Cleland-Huang, DePaul University; Prem Devanbu, University of California Davis; Massimiliano Di Penta, University of Sannio; Matt Dwyer, University of Nebraska — Lincoln; Alessandro Garcia, Pontificia Universidade Catolica do Rio de Janeiro; Mark Harman, University College London; James Herbsleb, Carnegie Mellon University; Valeria Issarny, INRIA; James Jones, University of California Irvine; Sarfraz Khurshid, University of Texas at Austin; Myung Kim, The University of Texas at Austin; Rainer Koschke, University of Bremen; Leonardo Mariani, Universita' di Milano Bicocca; Nenad Medvidovic, University of Southern California; Aditya Nori, Microsoft Research India; Martin Robillard, McGill University; Grigore Rosu, University of Illinois at Urbana-Champaign; Yannis Smanagakis, University of Athens; Paolo Tonella, Fondazione Bruno Kessler; Sebastian Uchitel, University of Buenos Aires and Imperial College London; Arie van Deursen, Delft University of Technology; Willem Visser, Stellenbosch University; Chao Wang, Virginia Tech; Charles Zhang, The Hong Kong University of Science and Technology; Lu Zhang, Peking University; Jianjun Zhao, Shanghai Jiao Tong University; Thomas Zimmermann, Microsoft Research

New: ACM SIGSOFT will make the conference proceedings in the ACM Digital Library fully open for a period of up to two weeks prior to conference.