

# Foundations of Software Engineering

<http://www.sigsoft.org/fse20/>

November 10-17, 2012  
Research Triangle/Cary  
North Carolina, USA

## Important Dates

Research papers due: March 16<sup>th</sup>, 2012  
Notifications of authors: June 18<sup>th</sup>, 2012

## Conference Organization

**General Chair**  
Will Tracz, Lockheed Martin

**Program Co-Chairs**  
Tevfik Bultan, University of California,  
Santa Barbara  
Martin Robillard, McGill University

**Workshop Chair**  
Jonathan Aldrich, Carnegie Mellon  
University

**Publicity Chair**  
William G.J. Halfond, University of  
Southern California

**Proceedings Chair**  
Yu David Liu, State University of New  
York at Binghamton

**Registration Chair**  
Ming Wing, CritterScape

**Local Arrangements Chair**  
Laurie Williams, North Carolina State  
University

**Student Volunteer Chair**  
Emerson Murphy-Hill, North Carolina  
State University

**New Ideas Track Chair**  
Licia Capra, University College of London

**Research Demos Chair**  
Mark Grechanik, Accenture Technology  
Labs

**Web Chair**  
Greg Cooper, SIGSOFT Webmaster

## 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 We invite high quality submissions describing original and unpublished results of theoretical, empirical, conceptual, and experimental software engineering research.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
- Components, services, and middleware
- Configuration management and deployment
- Distributed, parallel and concurrent software
- Economics and metrics
- Embedded and real-time software
- Empirical studies of software engineering
- End user software engineering
- Formal methods
- Knowledge-based software engineering
- Mobile, ubiquitous and pervasive software
- Model-driven software engineering
- Patterns and frameworks
- Policy and ethics
- Processes and workflows
- Program comprehension and visualization
- Requirements engineering
- Reverse engineering and maintenance
- Security, safety and reliability
- Software tools and development environments
- Specification and verification
- Testing and analysis
- User Interfaces
- Web software and cloud computing

## Program Committee

Jo Atlee, University of Waterloo; Luciano Baresi, Politecnico di Milano; Antonia Bertolino, ISTI-CNR; Christian Bird, Microsoft Research; Margaret Burnett, Oregon State University; Marsha Chechik, University of Toronto; Jane Cleland-Huang, DePaul University; Ivica Crnkovic, Mälardalen University; Rob DeLine, Microsoft Research USA; Arie Van Deursen, Delft University of Technology; Danny Dig, University of Illinois at Urbana-Champaign; Sebastian Elbaum, University of Nebraska-Lincoln; Harald Gall, University of Zurich; Paul Gruenbacher, Johannes Kepler University Linz; Magne Jørgensen, Simula Labs; Christine Julien, University of Texas at Austin; Natalia Juristo, Universidad Politécnica de Madrid; Sarfraz Khurshid, University of Texas at Austin; Darko Marinov, University of Illinois at Urbana-Champaign; Mira Mezini, Technische Universität Darmstadt; Ana Milanova, Rensselaer Polytechnic Institute; Alessandro Orso, Georgia Tech; Massimiliano Di Penta, University of Sannio; Grigore Rosu, University of Illinois at Urbana-Champaign; Abhik Roychoudhury, National University of Singapore; Koushik Sen, University of California, Berkeley; Mary Lou Soffa, University of Virginia; Willem Visser, University of Stellenbosch; Chao Wang, Virginia Tech; Charles Zhang, Hongkong University of Science and Technology; Andrea Zisman, City University London

