

September 15-19, 2014 Västerås, Sweden



The ACM/IEEE Automated Software Engineering (ASE) Conference series is the premier research forum for automated software engineering. Each year, it brings together researchers and practitioners from academia and industry to discuss foundations, techniques and tools for automating the analysis, design, implementation, testing, and maintenance of large software systems.

ASE 2014 invites high quality contributions describing significant, original, and unpublished results. The topics include, but are not limited to:

- o Automated reasoning techniques
- Component-based systems
- Computer-supported cooperative work
- Configuration management
- Data mining for software engineering
- Domain modeling and meta-modeling
- Empirical software engineering
- o Human-computer interaction
- Knowledge acquisition and management

- Maintenance and evolution
- o Testing, verification, and validation
- Software visualization
- Model-driven engineering
- Open systems development
- Product line methods
- Program understanding
- Program synthesis
- Program transformation

- o Re-engineering
- o Requirements engineering
- Specification languages
- Software analysis
- Software architecture and design
- Model-based software development
- Model transformation
- Modeling language semantics

Three categories of submissions are solicited:

- 1. **Research Papers** should describe innovative research in automating software development activities or automated support to users engaged in such activities. (Max 10 pages +2 pages references)
- 2. **Experience Papers** should describe a significant experience in applying automated software engineering technology and should carefully identify and discuss important lessons learned. (Max 10 pages + 2 pages references)
- 3. **New Ideas Papers** should describe novel research directions in automating software development activities or automated support to users engaged in such activities. (Max 6 pages)

IMPORTANT DATES:

Abstract Submission: April 18, 2014, Paper submission: April 25, 2014, Author Notification: June 30, 2014

Tool Demo: June 13, 2014, Workshops proposals: Mar 28, 2014, Tutorials: May 15, 2014, Doctoral Symposium: June 13, 2014

VENUE: Västerås, Sweden

Västerås (pronunciation Vestaros, with emphasis on "o") is Sweden's sixth largest city, beautifully located by Lake Mälaren 100 km west of Stockholm is one of the oldest cities in Sweden with a more than 1000 year long history. It is the birth city of ABB company, H&M and ICA, and a center of Automation Region. The conference will be held at Aros Congres Center (http://acc.se/)

ORGANIZATION

General Chair: Ivica Crnkovic, Mälardalen University, Sweden **PC Chairs**

Marsha Chechik, University of Toronto, Canada Paul Grünbacher, Johannes Kepler Universität, Linz, Austria **Publicity Chairs**

Yuanfang Cai, Drexel University, Philadelphia, PA, US Mehrdad Sabetzadeh, University of Luxembourg Henry Muccini, University of L'Aquila, Italy

Proceedings Chair: Hongyu Pei-Breivold, ABB, Sweden **Local Chair:** Malin Rosqvist, Mälardalen University, Sweden

Tool Demonstration Chairs

Arie Gurfinkel, Carnegie Mellon University, Pittsburgh, PA, US Gabriele Taentzer, Philipps-Universität, Marburg, Germany

Tutorial Chairs

Elisabetta Di Nitto, Politecnico di Milano, Italy Michel Chadron, Chalmers & Gothenborg University, Sweden

Workshops Chairs

Lars Grunske, University Stuttgart, Germany Mats Heimdahl, University of Minnesota, Minneapolis, MN, US **Web Chair:** Hüseyin Aysan, Mälardalen University, Sweden

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