

33rd IEEE/ACM International Conference on Automated Software Engineering



CALL FOR PAPERS

General Chair: *Marianne Huchard, LIRMM, France*
Program chairs: *Christian Kästner, Carnegie Mellon University, USA*
Gordon Fraser, University of Sheffield, UK

Montpellier, **FRANCE**
September, 3 to 7, 2018

Invited speakers:

- * Jane Cleland-Hung
- * Roberto Di Cosmo
- * Shannon Vallor
- * Gail Murphy



The IEEE/ACM 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.

CONFERENCE PAPERS :

Abstract submission: April 19, 2018
Paper submission: April 26, 2018
Author notification: July 3, 2018

www.ase2018.com

The city of Montpellier, built 10 centuries ago, has been France's second biggest city and an economic and cultural foyer. One can still enjoy magnificent fountains, medieval streets and XVIIth and XVIIIth century private mansions. Montpellier also hosts a famous medicine faculty, the oldest Medicine school that never stopped functioning in the occidental world.

Montpellier is 10 minutes away from the sea-side, in between the mediterranean cities of Marseille and Barcelona.

Montpellier is also a young, audacious and innovative city, renowned for its excellence in numerical sciences, health, sports and contemporary culture.



CONFERENCE PAPERS

Three categories of submissions are solicited:

- **Technical Research Papers** should describe innovative research in automating software development activities or automated support to users engaged in such activities.
- **Experience Papers** should describe a significant experience in applying automated software engineering technology and should carefully identify and discuss important lessons learned, so that other researchers and/or practitioners can benefit from the experience.
- **New Ideas Papers** should describe novel research directions in automating software development activities or automated support to users engaged in such activities.

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JOURNAL-FIRST PAPERS

ASE is inviting journal-first presentations for papers published recently in prestigious software engineering journals. This will both enrich the ASE program as well as offer the authors an opportunity to speak to the community. We invite applications for journal papers published in:

- Automated Software Engineering (Springer)
 - IEEE Transaction of Software Engineering (IEEE TSE)
 - ACM Transactions on Software Engineering and Methodology (TOSEM)
 - Empirical Software Engineering
- Other journals may be considered on a case-by-case basis.

Journal-first submission:
June 15, 2018
Journal-first notification:
July 3, 2018

TOOL DEMONSTRATIONS

Tool-based demonstrations describe novel aspects of early prototypes or mature tools. The track is a highly interactive venue where researchers and practitioners can demonstrate their tools and discuss them with attendees.

Tool demonstration submission: May 31, 2018
Tool demonstration notification: July 3, 2018

DOCTORAL SYMPOSIUM

The goal of the ASE 2018 Doctoral Symposium is to provide a supportive yet questioning setting in which the Ph.D. students have an opportunity to present and discuss their research with other researchers in the ASE community. The symposium aims at providing students useful guidance and feedback on their research and to facilitate networking within the scientific community by interacting with established researchers and with their peers at a similar stage in their careers.

Doctoral symposium submission: May 31, 2018
Doctoral symposium notification: July 3, 2018

WORKSHOPS

ASE 2018 is soliciting proposals for workshops to be held in conjunction with the main conference. A workshop should provide an opportunity for exchanging views, advancing ideas, and discussing preliminary results on topics related to Automated Software Engineering.

Workshop proposal submission: February 26, 2018
Workshop notification of acceptance: March 5, 2018

TUTORIALS

Tutorials address a wide range of mature topics from theoretical foundations to practical techniques and tools for automated software engineering. The general chair and organizers will decide the exact dates after all proposals have been reviewed and accepted. Tutorials are intended to provide scientific background on themes relevant to ASE's research audience.

Instructors are invited to submit proposals for half-day and full-day tutorials.

Tutorial proposal submission: April 30, 2018
Tutorial proposal notification: May 14, 2018
Tutorial advertisement material for the ASE web site: May 28, 2018
Tutorial final notification: July 16, 2018

SOCIAL MEDIA

Twitter: @ASEConf2018

Facebook: <https://www.facebook.com/aseconf/>

