33rd IEEE/ACM International Conference on Automated Software Engineering

ASE 2018

LIRMM · **CNrs** · **IMT Mines Alès École Mines-Télécom** · **IEEE** · **acm SIGAI** · **acm SIGSOFT**

CALL FOR PARTICIPATION

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
* Gail Murphy

- *80 accepted papers (technical research papers, experience papers and new idea papers) so far !*
- *Accepted tool demos and workshop papers online soon.*

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.

Highlights of **ASE 2018** include three keynotes, four workshophs and four tutorials.

SOCIAL MEDIA
Twitter: @ASEConf2018
Facebook: https://www.facebook.com/aseconf/

www.ase2018.com

Keynotes

• **Roberto Di Cosmo**. Sept. 5th. Software Heritage: collecting, preserving and sharing all our source code (Softwareheritage.org, Inria initiative with UNESCO partnership)

• **Jane Cleland-Huang**. Sept. 6th. Automated Requirements Engineering. Challenges with examples from small unmanned aerial systems.

• **Gail C. Murphy**. Sept. 7th. The Need for Context in Software Engineering (2018 IEEE Computer Science Harlan D. Mills Award)

Joint Workshops

• **MASES**: Sept. 3rd. 1st International Workshop on Machine Learning and Software Engineering in Symbiosis: https://mases18.github.io/

• **A-Mobile**: Sept. 4th. International Workshop on Advances in Mobile App Analysis: https://a-mobile.github.io/

• **IWoR**: September 4th. 2nd International Workshop on Refactoring: https://iwor.github.io/iwor2018/

• **SoftwareMining-2018**: Sept. 4th. 7th International Workshop on Mining Software Repositories: http://lamda.nju.edu.cn/shenzy/softwaremining18/

Tutorials

• Automated Formal Proofs for Program Verification (Sept. 3rd)

• Let the CI spot the holes in tested code with the Descartes cool (Sept. 3rd)

• Re-engineering Software Variability into Software Product Line (Sept. 4th)

• Model your modeling workbench, and generate code and documentation from your models (Sept. 4th)

REGISTRATION

Online registration is open here: **https://www.azur-colloque.fr/DR13/inscription/inscription/200.**
Early registration deadline is August 3, 2018.