

IEEE International Conference on Software Architecture (ICSA 2017)

<http://icsa-conferences.org/2017/>



WHEN

4-7 April 2017

WHERE

Gothenburg, Sweden



10 January 2017

DEADLINE
Technical papers

CALL FOR CONTRIBUTIONS

ICSA cordially invites contributions related to all aspects of software architecture! The International Conference on Software Architecture (ICSA 2017) extends the WICSA and CompArch history and tradition as the premier gathering of practitioners and researchers interested in software architecture, in component-based software engineering and in quality aspects of software and how these relate to the design of software architectures.

ICSA will keep the characteristic of a working conference, where researchers meet practitioners and where software architects can explain the problems they face in their day-to-day work and try to influence the future of the field. Interactive working sessions will be the place where researchers meet practitioners to identify opportunities to create the future.

The increasing size of software systems and the emergence of increasingly autonomous systems is asking for innovative software engineering practices. The way software is developed and maintained is rapidly changing and must take into account multifaceted constraints like fast-changing and unpredictable markets, complex and changing customer requirements, pressures of shorter time-to-market, rapidly advancing information technologies, just to name a few of these new aspects. To cope with such constraints, software is increasingly produced according to rapid continuous software engineering development processes. The theme of ICSA 2017 is "**Continuous architecting**" – exploring the role, importance, and characteristics of architecture in continuous software engineering development processes.

We welcome original contributions that explore and explain the role of architecture in current systems as well as in near future systems, with special focus on self-adaptive, smart, and autonomous systems. This conference looks at what can be learned from our software architecture history, experience, studies, and best practices.

Special issue at the Journal of Systems and Software (JSS)

Best papers will be invited to submit a revised version to the upcoming special issue on Architecting Autonomous and Smart Systems of the Journal of Systems and Software.

More info at: <http://www.journals.elsevier.com/journal-of-systems-and-software/call-for-papers/special-issue-on-architecting-autonomous-and-smart-systems>



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