

11th European Conference on Software Architecture

11–15 September 2017, Canterbury, UK

ECSA 2017

The European Conference on Software Architecture (ECSA) is the premier European software architecture conference, providing researchers, practitioners, and educators with a platform to present and discuss the most recent, innovative and significant findings and experiences in the field of software architecture research and practice.

The program committee of ECSA 2017 seeks submissions of papers describing basic and applied research, novel applications and experience reports on all topics related to software architectures including, but not limited to:

- Foundational principles of software architecture
- Linking requirements engineering and software architectures
- Quality attributes and software architectures
- Architectural design, analysis and evaluation
- Architecture description languages and meta-models
- Architecture verification and validation
- Management of architectural knowledge, decisions, and rationale
- Cross disciplinary efforts and software architecture
- Architectural patterns, styles and tactics, reference architectures
- Architecture viewpoints and views
- Architecture conformance
- Architecture-based synthesis, code generation
- Architecture transformation and refinement
- Architecture refactoring and reengineering, reverse engineering
- Architecture-based evolution
- Architectures for reconfigurable and self-adaptive systems
- Service-Oriented Architectures (SOA) and Web services,
- Architectures for ultra-large scale, long-lived systems and systems-of-systems
- Software architecture and the cloud
- Software architecture and big data
- Software architecture and virtualization
- Architectures for cyber-physical systems
- Architectural concerns of autonomic systems
- Architecture-centric process models and frameworks
- Software architecture and agility
- Architecture-centric model driven engineering
- Component-based models and deployment, middleware
- Software/system architecture, including software-defined networking
- Software tools and environments for architecture-centric software engineering
- Industrial applications, case studies, best practices and experience reports
- Empirical studies, systematic literature reviews and mapping studies

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Important Dates

Abstract submission	10 April 2017	Notification	9 June 2017
Paper submission	17 April 2017	Camera-ready	26 June 2017

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