

Welcome Message from the Chairs of WICSA, QoSA and CBSE

It is a great pleasure to welcome you to the WICSA, QoSA, and CBSE 2016 conferences. While we had separate calls for papers, separate chairs and review processes for each conference, we had a unified, stronger community with a joint program committee. Even though the proceedings separate the papers in distinct chapters for each conference, there is a single conference program designed jointly by the program chairs of the three conferences. More precisely, papers accepted separately by the WICSA 2016, QoSA 2016, and CBSE 2016 conferences will be presented together in shared sessions. Hence, this year's event is a great opportunity to bring together the researchers from the WICSA, QoSA and CBSE conference series.

This year, WICSA, QoSA and CBSE calls for papers have attracted 149 submissions in total. Papers submitted to either WICSA, QoSA or CBSE were evaluated separately for each conference. After a careful evaluation by at least three reviewers and a following discussion period, 30 papers were accepted from WICSA, 12 from QoSA and 14 from CBSE. During the technical sessions, conference attendees will have the opportunity to listen to 56 presentations in 18 shared sessions. Some of these sessions will be working sessions with time slots dedicated to extended open discussions.

In their calls for papers WICSA, QoSA, and CBSE addressed key concerns of software architectures across the system life cycle, such as designing for longevity, designing for reliability, and designing for flexibility. When we allocated the accepted papers to presentations sessions, it became evident that these concerns were shared by the three conferences. Hence the sessions were assembled to focus on these concerns. Designing in the time dimension is reflected in the "Design decision" and "Reverse Architecting" sessions. Designing for reliability is investigated by the "Modeling for Quality" and "Performance Analysis" sessions. Designing for flexibility is addressed by the "Software Components Deployability" and "Cloud Computing" sessions.

For WICSA 2016 the main theme is "Architecting in Time" – exploring the temporal aspects of software architecture. The submissions related to continuity, evolution and decay, the benefits, consequences and debt from delaying decisions, architecting practices and experiences in different software development processes, and the related collaborative design activities that fit into the life cycles of systems and applications.

This year's main theme of QoSA is "Architecting for Deployability". Building software systems in a service-oriented manner and using cloud environments promises many benefits, however, raises new challenges for software architecture by increased complexity and fragility during operation. These rapidly changing systems require collaboration between software developers and operators, a strong integration of building, evolving and operating activities, as well as architectures which satisfy deployability in heterogeneous contexts.

CBSE 2016 focuses on how to leverage component-based system architectures in the context of modern/contemporary execution platforms. This special topic connects application software designers, platform architects and system operators and emphasises “component-based Development and Operations (DevOps)” to improve a component systems' lifecycle and its management with regard to reliability, flexibility and durability concerns.

The general chairs and the program chairs of WICSA, QoSA and CBSE would like to thank the program committee members for their vital contribution to the selection process of these conferences.

Henry Muccini and K. Eric Harper, **WICSA Program Chairs**

Robert Heinrich and Jan Bosch, **QoSA Program Chairs**

Noël Plouzeau and Olaf Zimmermann, **CBSE Program Chairs**

Luciano Baresi and Vittorio Cortellessa, **General Co-Chairs**