

## **Message from the General Chair**

The Software Quality Days (SWQD) conference and tools fair started in 2009 and has grown to one of the biggest conferences on software quality in Europe with a strong community. The program of the SWQD conference is designed to encompass a stimulating mixture of practical presentations and new research topics in scientific presentations as well as tutorials and an exhibition area for tool vendors and other organizations in the area of software quality.

This professional symposium and conference offer a range of comprehensive and valuable opportunities for advanced professional training, new ideas, and networking with a series of keynote speeches, professional lectures, exhibits, and tutorials.

The SWQD conference is suitable for anyone with an interest in software quality, such as test managers, software testers, software process and quality managers, product managers, project managers, software architects, software designers, user interface designers, software developers, IT managers, development managers, application managers, and similar roles.

January 2015

Johannes Bergsmann

## **Message from the Scientific Program Chair**

The Seventh Software Quality Days (SWQD) conference and tools fair brings together researchers and practitioners from business, industry, and academia working on quality assurance and quality management for software engineering and information technology. The SWQD conference is one of the largest software quality conferences in Europe.

Over the past years a growing number of scientific contributions were submitted to the SWQD symposium. Starting in 2012 the SWQD symposium included a dedicated scientific track published in scientific proceedings. For the fourth year we received an overall number of 13 high-quality submissions from researchers across Europe, which were each peer-reviewed by three or more reviewers. Out of these submissions, the editors selected four contributions as full papers, an acceptance rate of 31 %. Further, four short papers, which represent promising research directions, were accepted to spark discussions between researchers and practitioners at the conference.

The main topics from academia and industry focused on systems and software quality management methods, improvements of software development methods and processes, latest trends in software quality, and testing and software quality assurance.

This book is structured according to the sessions of the scientific track following the guiding conference topic “Software and Systems Quality in Distributed and Mobile Environments”:

- Risk Management and Inspection
- Change Impact Analysis and Systems Testing
- Software and Systems Architectures

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Stefan Biffl

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