

Software –Raw Material of the Information Era

KIT Organizes Largest Software Engineering Conference in the German-speaking Countries: At the “SE 2011“, Developers and Users Discuss the Current Status and Future of Software Engineering



The SE 2011 addresses software developers, users, and decision-makers from industry as well as scientists from academia. (Photo: photocase.de)

Together with the FZI Research Center for Information Technology and the Informatics Society (GI), Karlsruhe Institute of Technology (KIT) organizes the conference “Software Engineering” (SE 2011). From February 21 to 25, representatives of industry and research will present and discuss latest developments and challenges in software engineering. The conference takes place every year at another university and is the largest conference on software engineering in the German-speaking countries.

Software engineering plays a key role in our industrialized information society. Innovative products and services cannot be implemented without software. Software is everywhere: It ensures smooth operation of enterprises and public institutions as well as safety of machines and plants. In everyday life, for example, when drawing out money or buying tickets, we trust in functioning and reliable software. Quality and security of software will also be in the focus of the SE 2011 entitled “Software Engineering for Critical Applications”.

“Software systems are increasingly applied in critical infrastructures, for instance, in financial services or telecommunications,” explains

Monika Landgraf
Press Officer (acting)

Kaiserstraße 12
76131 Karlsruhe, Germany
Phone: +49 721 608-7414
Fax: +49 721 608-3658

For further information, please contact:

Barbara Dörrscheidt
Department of Informatics
Public Relations
Phone: +49 721 608-48660
Fax: +49 721 69 77 60
E-mail: doerrscheidt@kit.edu

Further details:
<http://se2011.ipd.kit.edu/>

Professor Ralf Reussner, host of the SE 2011 and professor at the KIT Institute for Program Structures and Data Organization.” Functioning of these infrastructures in a modern society and the success of enterprises depend on the smooth operation of these systems,” says Reussner. Moreover, execution environments of software change rapidly. Increasing dissemination of multi-core computers or new service-oriented technologies like cloud computing massively affect software development. Software development must not only be cost-efficient and meet increasing quality requirements, but should also be easily adaptable to changing environments and allow for the effective use of the advantages of new platforms.

Apart from a number of workshops and tutorials on current trends and issues of software engineering, the conference will offer a high-quality lecture program. Among the keynote speakers will be Robert C. Martin, better known by the community as “Uncle Bob”, and the renowned professors of informatics Manfred Broy, Lutz Heuser, and Johannes Siedersleben.

For the first time, the conference will address interested teachers of informatics. To counteract the expected lack of experts and qualified workers in the information technology and communication sector, possibilities and concepts of including software engineering lessons in school education will be discussed.

The program will be completed by a symposium for young scientists and Ph. D. students. On Wednesday, February 23, an expert discussion of the German Testing Board on the faultiness of software and possible solution approaches will take place.

Karlsruhe Institute of Technology (KIT) is a public corporation and state institution of Baden-Württemberg, Germany. It fulfills the mission of a university and the mission of a national research center of the Helmholtz Association. KIT focuses on a knowledge triangle that links the tasks of research, teaching, and innovation.

This press release is available on the internet at www.kit.edu.