

KIT COMMputation Focus Introduces Itself

KIT at the City Hall: Presentations and Exhibition on Information Processing and Communication in Concepts of Intelligent Networked Systems



*Coupling of information processing and communication in intelligent networked systems is a central topic of the KIT COMMputation Focus.
(Photo: pixelio.de)*

Use of high-performance information processing is increasing in both professional and private sectors. Communication among various networked systems is playing a crucial role. These are the topics covered by the KIT COMMputation Focus (COMMunication and COMputation) that will introduce itself to the public on Tuesday, January 19, 18.30 hrs, at the Bürgersaal of the city hall of Karlsruhe.

The KIT COMMputation Focus concentrates on the challenges resulting from the inseparable linking of communication and information processing tasks (communication and computation) in complex technical systems that are increasingly applied in our life and work. The artificial term COMMputation reflects this relationship.

Combining the interdisciplinary competencies of KIT scientists, the COMMputation Focus deals with concepts, architectures, methods, tools, and selected applications of information processing and com-

**Dr. Elisabeth Zuber-Knost
Press Officer**

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

**For further information, please
contact:**

Klaus Rümmele
Public Relations and Marketing
(PKM)
Phone: +49 721 608-8153
Fax: +49 721 608-5681
E-mail: klaus.ruemmele@kit.edu

Details:
www.computation.kit.edu

munication in order to guarantee the manageability of complex technical systems and their trustworthy, robust, and efficient behavior.

Citizens and in particular pupils are cordially invited to attend this event. A reception will give the audience the opportunity for discussions.

Program:

Welcome Addresses

Heinz Fenrich, Lord Mayor of the city of Karlsruhe
Professor Horst Hippler, President of Karlsruhe Institute of Technology (KIT)

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Professor Hartmut Schmeck, Scientific Spokesperson of COMMputation, Institute for Applied Information Science and Formal Description Methods (AIFB)

Radio Systems – Between Submarine Communication and Wireless USB

Professor Friedrich Jondral, Spokesperson of the “Communication Technology” Topic, Institute for Communications Technology, Communications Engineering Lab

Route Planning in Intermodal Transport Systems

Professor Dorothea Wagner, Deputy Spokesperson of COMMputation, Spokesperson of the “Algorithm and Software Engineering” Topic, Institute for Theoretical Information Science

Computing in Clouds: The Boundless IT Service Supermarket

Professor Stefan Tai, Spokesperson of the “eOrganization and Service Engineering” Topic, Institute for Applied Information Science and Formal Description Methods and Karlsruhe Service Research Institute (KSRI)

From January 18 to 21, an **exhibition of the KIT COMMputation Focus** will be open to the public on the upper floor of the city hall.

Karlsruhe Institute of Technology (KIT) is a public corporation and state institution of Baden-Württemberg. 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.