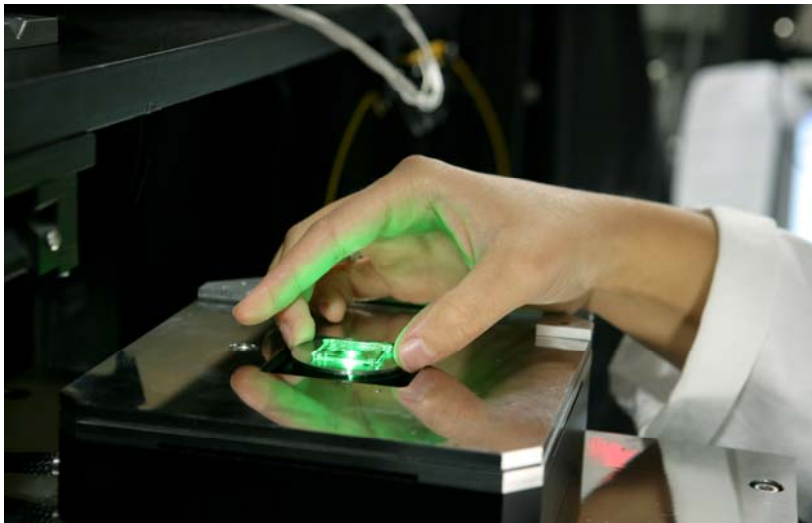


Key to Future Innovations

The KIT NanoMicro Center Presents Itself at the City Hall of Karlsruhe



Microsystems technology and nanotechnology are the focuses of the KIT NanoMicro Center. (Photo by: Fabry)

With more than 800 employees, the KIT NanoMicro Center is the largest center in the field of nanotechnology and microsystems technology in Germany. On Monday, June 29, 18.30 hrs, the Center for Nano- and Microscale Research and Technology will present itself as the third unit of the Karlsruhe Institute of Technology (KIT) within the series of "KIT im Rathaus" (KIT at the city hall).

At the interface of microsystems technology and nanotechnology, a field of activities is opened up, which promises to give rise to major impulses for technical innovations in a number of industry sectors: It may play a key role in applying additional functionalities and novel materials and effects. Microsystems technology and nanotechnology are two disciplines of miniaturization in science and engineering that complement each other. Nanotechnology provides access to so far unused and entirely novel effects. Microsystems technology enables scientists to design complete systems solutions.

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The KIT NanoMicro Center integrates nanotechnology and micro-technology and turns “nanosciences” into a nanotechnology. Moreover, the Center supports the transfer of the technologies developed to industrial applications.

The event at the Bürgersaal of the city hall of Karlsruhe addresses pupils, the citizens of Karlsruhe, and the teachers and students of the KIT. The presentations will be followed by a reception in the upper foyer of the city hall, where the guests are invited to start discussions and to visit the exhibition.

The ZAK | Center for Applied Cultural Science and Studium Generale of Universität Karlsruhe (TH) organizes the series of “KIT im Rathaus”, in which the centers, focuses, and competence areas of the KIT present themselves to the interested public. Its predecessor was the series of “Universität im Rathaus”.

Program:

Welcome addresses

Heinz Fenrich, Lord Mayor of the City of Karlsruhe
Professor Dr. Norbert Henze, Vice-president for Structure of Universität Karlsruhe (TH)

The KIT NanoMicro Center presents itself

Professor Dr. Manfred Kappes, Deputy Spokesman of the KIT NanoMicro Center

Nanomaterials tailored to optics and photonics

Professor Dr. Martin Wegener, Spokesman of the DFG Center for Functional Nanostructures

Nanomaterials for electromobility

Dr. Michael Harms, NanoMicro Program Management

Controlled cell growth in 3D

Professor Dr. Martin Bastmeyer, Zoological Institute (University),
Member of the Steering Body of the KIT NanoMicro Center

From June 29 to July 2, the exhibition of the KIT NanoMicro Center in the upper foyer of the city hall will be open to the public.

The Karlsruhe Institute of Technology (KIT) is the merger of the Forschungszentrum Karlsruhe, member of the Helmholtz Association, and the Universität Karlsruhe. This merger will give rise to an institution of internationally excellent research and teaching in natural and engineering sciences. In total, the KIT has 8000 employees and an annual budget of 700 million Euros. The KIT focuses on the knowledge triangle of research – teaching – innovation.

The Karlsruhe institution is a leading European energy research center and plays a visible role in nanosciences worldwide. KIT sets new standards in teaching and promotion of young scientists and attracts top scientists from all over the world. Moreover, KIT is a leading innovation partner of industry.

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

The photo of printing quality may be requested by e-mail presse@verwaltung.uni-karlsruhe.de or phone +49 721 608-7414.