

03/2010

Open House: “Virtual Realities” at the KMRC Tuebingen

The Knowledge Media Research Center in Tuebingen, Germany, opens its doors to the public on Sunday, March 7th, 2010, 2pm-5pm

On Sunday, March 7th, 2010, the Knowledge Media Research Center invites the interested public to get to know KMRC’s work on virtual realities. With the help of interactive technology installations, we offer both adults and children insights into 3D animations and digital technology used for learning purposes. Our highlight is the “Rebirth of a Dinosaur”: experience it for yourself!



Tuebingen, February 26th 2010. The 3D-dinosaur is brought to life using a mixed-reality technology that overlays a model skeleton with virtual muscles and skin. In addition, visitors will find several other experimental installations: experience a virtual soccer game, try out a driving simulation, and view 3D materials from the natural sciences. Furthermore, visitors can explore the virtual world of Second Life and see a reconstruction of a local Renais-

sance castle. Kids can step through basic mathematical calculations with the help of a dance mat or they can draw their own individual dinosaurs.

To complement the technology installations, there will be a talk given by Prof. Dr. Stephan Schwan, who heads the lab “Cybermedia”, dealing with the potential that virtual worlds have for learning.

At the KMRC, researchers have harnessed the entertainment value of virtual worlds and focus their studies on the added value these worlds have for the processes of learning and knowledge acquisition. These scientists investigate how digital media can be used as modern learning tools in a meaningful way in schools, universities, and in informal learning settings such as museums.

The mixed-reality content used for the 3D-dinosaur was developed by the Open University of Japan, the National Museum of Nature and Science in Tokyo, and Canon Inc., Japan. The dinosaur has been provided to the KMRC for the purpose of conducting research.

With the Open House on March 7th, the KMRC would like to invite you to get to know more about the KMRC's work. We are looking forward to having you here.

Contact & further Information:

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The Knowledge Media Research Center

The Knowledge Media Research Center (KMRC) in Tuebingen, Germany, researches teaching and learning with digital technologies. A team of about 45 scientists from cognitive and educational sciences, human behavioral sciences, social sciences and experts from media technology and computer science investigate how individual and collaborative knowledge acquisition in media settings work. Since 2009 the KMRC runs Germany's first ScienceCampus, a close research network between a university and an extra-faculty research institute of the Leibniz Association. The Science-Campus Tuebingen deals with empirical educational research in the field of "Informational Environments". For further information please visit us at www.iwm-kmrc.de.

The Leibniz Association

The KMRC is member of the Leibniz Association, the umbrella organisation for 86 institutions conducting strategic, theme-based research or providing scientific infrastructure. Characteristic of the Leibniz Association is the enormous diversity of themes addressed by the institutes as well as its decentralised organisational structure: some 6,500 scientists and scholars work in the humanities and social sciences, economics, spatial and life sciences, as well as in mathematics, the natural and engineering sciences, and in environmental research. For further information please visit us at www.leibniz-gemeinschaft.de.