

PRESSRELEASE

MUPBED at the IFA 2005

The project MUPBED (Multi-Partner European Test Beds for Research Networking) is currently shown at the World of Consumer Electronics (IFA 2005) in Berlin, from September 2-7, 2005. MUPBED is a project funded by the EU with a special focus on 'Testbeds for Research Networking' as part of the 6th Framework Programme and consists of a consortium with partners from eight European countries.

The Friedrich–Alexander University of Erlangen-Nuremberg (FAU) is the only German University within MUPBED. The FAU presents the project together with the Institut fuer Rundfunktechnik (IRT) at the Forum for Science and Technology (TWF) in Hall 5.3, booth 4. At the booth live HDTV transmissions are shown in completely uncompressed form for network transmissions with a bitrate of 1.5 Gbps, but also as a world premiere in a slightly compressed format using 800 Mbps for Gigabit Ethernet interfaces. For the transmissions Media Links (www.medialinks-systems.com, vidi@vidi-studiotechnik.de) video adapters and codecs are used that are most suitable for high-quality network transmissions of HDTV for research applications in tele-medicine and broadcasting, where interactive elements require minimal transmission latencies. Short transmission delays within the EU-project are also guaranteed by the special MUPBED testbed infrastructure which is based on ASON/GMPLS (Automatically Switched Optical Networks / Generalized Multi-Protocol Label Switching) technologies with specialized control planes for efficient network control.

Information on the project and the live HD transmissions are shown daily between 10 – 18 hours.

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