



## **Kolloquium für Elektrotechnik und Informationstechnik**

**Thema:**

Multimedia architectures and frameworks for embedded systems

**Vortragender:**

**Dr.-Ing. Martin Botteck**

Nokia Research Center SRC , Bochum

**Ort:**

Ruhr-Universität Bochum, Gebäude IC, Ebene 1, Raum 161

**Zeit:**

Montag, 21.01.2008, 17:00 Uhr

**Diskussionsleitung:**

**Prof. Dr.-Ing. Attila Bilgic**

Lehrstuhl Integrierte Systeme

**Kurzfassung:**

As of today, Multimedia has become an integral functionality of embedded systems: be it for automotive applications, mobile telephony devices or home consumer electronics. This presentation shall give insight to the partitioning of systems with related functionality: single-chip and accelerator architectures are presented and examples from real market products are given. Since Multimedia imposes rather elaborate requirements on the system SW the related problems are presented and solutions will be explained by way of referring to examples of available Multimedia frameworks (Symbian, Gstreamer, Helix, Khronos).

**Es laden ein:**

Die Hochschullehrer der Fakultät für Elektrotechnik und Informationstechnik