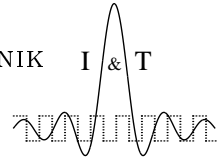


Fachhochschule Wiesbaden

FACHBEREICH INFORMATIONSTECHNOLOGIE UND ELEKTROTECHNIK I & T

FACHGEBIET INFORMATIONSTECHNIK & TELEKOMMUNIKATION

Prof. Dr.-Ing. K.H. Hofmann



21. Februar 2003

Vortragsankündigung

Am **Freitag, dem 2. April 2004**, 14⁰⁰ Uhr, findet im **M-Lab** (Raum 406, 4. Stock, Gebäude A1 Nord), folgender Vortrag statt.

High-speed Downlink Packet Access (HSDPA) in UMTS

Dr.-Ing. Stefan Brück

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Abstract:

This talk presents HSDPA for UMTS, the key feature included in Release 5 specifications. HSDPA is expected to be available in commercial UMTS networks in 2005/2006. The HSDPA concept has been designed to increase packet data throughput by means of fast physical layer retransmission using Hybrid ARQ as well as link adaptation controlled by the Node B with theoretical data rates of up to 14.4 Mbit/s. In the talk the key aspects of HSDPA are presented and a comparison to currently existing UMTS downlink packet access capabilities is made. Also the expected user perceived throughput of HSDPA as well as of other channels used for packet transmission in a cellular environment is discussed.

Die Dauer des Vortrags beträgt ca. 60 Minuten, bei reger Diskussion etwas länger. Der Vortrag ist öffentlich und alle Interessenten sind dazu herzlich eingeladen.

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URL: <http://www.ite.fh-wiesbaden.de>

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