

Publikationen nach Datum

[2009](#) [2008](#) [2007](#) [2006](#) [2005](#) [2004](#) [2003](#) [2002](#) [2001](#) [2000](#) | [1999](#) [1998](#) [1997](#) [1996](#) [1995](#) [1994](#) [1993](#) [1992](#) [1991](#)
[1990](#)
[1989](#) [1988](#) [1987](#) [1986](#) [1985](#) [1984](#) [1983](#) [1982](#) [1981](#) [1980](#) | [1979](#) [1978](#) [1977](#) [1976](#) [1975](#) [1974](#) [1973](#) [1972](#) [1971](#)
2002

Herwono, I.:*Entwicklung und Leistungsbewertung von mobilen Diensten für Electronic Commerce Anwendungen*. Ph. D. Dissertation, Aachen University, p. 270, 12/2002, ISBN: 3-86073-983-2
[[Info + Download](#)]

Hoymann, C. and Stuckmann, P.:*On the Feasibility of Video Streaming Applications over GPRS/EGPRS*. In *IEEE Global Telecommunications Conference (Globecom 2002)*, Taipei, Taiwan, R.O.C., 11/2002
[[Info + Download](#)]

Sumaryo, S. and Hepworth, E. and Higgins, D. and Siebert, M.:*A Radio Resource Management Architecture for a "Beyond-3G Network"*. In *Mobile Networking Beyond 3G, International Workshop on Mobile IP-based Network Developments*, Budapest University of Technology and Economics, Hungary, 11/2002
[[Info + Download](#)]

Heier, S. and Malkowski, M.:*UMTS Radio Resource Management by Transport Format Assignment and Selection*. In *Proceedings of WPMC 2002 - The 5th International Symposium on Wireless Personal Multimedia Communications*, Honolulu, USA, 10/2002
[[Info + Download](#)]

Hugo, D. and Siebert, M. and Lott, M.:*Handover Issues in Integration of Next Generation Mobile Systems and Wireless IP Networks*. In *Eurescom Summit 2002*, p.p. 319-327, Heidelberg, Germany, 10/2002
[[Info + Download](#)]

Xu, B. and Walke, B.:*A New Air Interface Concept for Wireless Multimedia Communications beyond the 3rd Generation*. In *Wireless Personal Communications Vol.23 No.1*, p.p. 121-135, 10/2002
[[Info + Download](#)]

Bolinth, E. and Siebert, M. and Stauffer, O. and Kern, R. and Grünheid, R.:*Performance of Adaptive Modulation in HIPERLAN/2 for Frequency-Selective and Time Variant Channels Assessing Combined Physical Layer and Signaling Aspects*. In *7th International OFDM-Workshop*, p.p. 173-177, Hamburg, Germany, 09/2002
[[Info + Download](#)]

Forkel, I. and Jin, X.:*Performance Comparison between UTRA-TDD High Chip Rate and Low Chip Rate Operation*. In *Proceedings of PIMRC 2002 - Personal Indoor and Mobile Radio Conference*, Vol.5, p.p. 2102-2106, Lisbon, Portugal, 09/2002
[[Info + Download](#)]

Heier, S. and Ellerbrock, C. and Malkowski, M.:*UMTS Medium Access Control Quality of Service Scheduling*. In *Proceedings of PIMRC 2002 - The 13th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications*, Lisboa, Portugal, 09/2002
[[Info + Download](#)]

Hoymann, C. and Stuckmann, P.:**Traffic Engineering for the Evolution of GPRS/EDGE Networks**. In *IEEE Vehicular Technology Conference (VTC 2002 fall)*, Vancouver, Canada, 09/2002

[[Info + Download](#)]

Hoymann, C. and Kuypers, D. and Sievering, P. and Stuckmann, P. and Walke, B. and Xu, B.:**Performance Analysis of TETRA and TAPS and Implications for Future Broadband Public Safety Communication Systems**. In *International Workshop on Broadband Wireless Ad-Hoc Networks and Services*, ETSI, Sophia Antipolis, France, 09/2002

[[Info + Download](#)]

Irnich, T. and Stuckmann, P.:**Analytical Performance Evaluation Of Internet Access Over GPRS And Its Comparison With Simulation Results**. In *13th IEEE International Symposium on Personal, Indoor and Mobile Communications (PIMRC 02)*, Lisbon, Portugal, 09/2002

[[Info + Download](#)]

Kriengchaiyapruk, T. and Forkel, I.:**Adaptive Switching Point Allocation in TD/CDMA Systems**. In *Proceedings of VTC 2002 - Vehicular Technology Fall Conference*, Vancouver, B.C., Canada, 09/2002

[[Info + Download](#)]

Krämling, A. and Siebert, M. and Lott, M. and Weckerle, M.:**INTERACTION OF POWER CONTROL AND LINK ADAPTATION FOR CAPACITY ENHANCEMENT AND QoS ASSISTANCE**. In *13th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications*, p.p. 697-701, Pavilhao Atlantico, Lisbon, Portugal, 09/2002

[[Info + Download](#)]

Mangold, S. and Choi, S. and Hiertz, G.:**IEEE 802.11e - Fair Resource Sharing between Overlapping Basic Service Sets**. In *Proceedings of the PIMRC 2002*, p.p. 166-171, Lisbon, Portugal, 09/2002

[[Info + Download](#)]

Plitsis, G. and Keller, R. and Sachs, J.:**Realization of a Push Service for Media Points based on SIP**. In *The Fourth IEEE Conference on Mobile and Wireless Communications Networks*, Stockholm, Sweden, 09/2002

[[Info + Download](#)]

Stuckmann, P. and Ehlers, N. and Wouters, B.:**GPRS Traffic Performance Measurements**. In *IEEE Vehicular Technology Conference (VTC 2002 fall)*, Vancouver, Canada, 09/2002

[[Info + Download](#)]

Walke, B. and Althoff, M.-P. and Seidenberg, P.:**UMTS - A Comprehensive Introduction**. , 08/2002

[[Info](#)]

Irnich, T. and Stuckmann, P.:**Fluid-flow Modelling of Internet Traffic in GSM/GPRS Networks** . In *Proceedings of the 2002 International Symposium on Performance Evaluation of Computer and Telecommunication Systems*, Edited by M. Obaidat and F. Davoli and I. Onyuksel and R. Bo, 07/2002

[[Info + Download](#)]

Oh, S.-H.:**QOS GUARANTEEING CONCEPTS IN VIRTUOUS AND FUTURE IST PROJECTS** . In *World Congress of (Ethnic) Korean Scientists and Engineers*In *Proceedings of World Congress of (Ethnic) Korean Scientists and Engineers*, Seoul, Korea, 07/2002

[[Info + Download](#)]

Siebert, M. and Kadelka, A. and Lott, M. and Weckerle, M.:**Integrated Mobility Concepts for Wireless**

LANs. In *International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS 2002*, p.p. 327-335, San Diego, California, 07/2002

[[Info + Download](#)]

Steppler, M.: **Leistungsbewertung von TETRA-Mobilfunksystemen durch Analyse und Emulation ihrer Protokolle**. Ph. D. Dissertation, Aachen University, p. 400, RWTH Aachen, Lehrstuhl für Kommunikationsnetze, 07/2002, ISBN: 3-86073-828-3

[[Info + Download](#)]

Xu, B.: **Self-organizing Wireless Broadband Multihop Networks with Qos Guarantee**. Ph. D. Dissertation, Aachen University, p. 200, Lehrstuhl für Kommunikationsnetze, 07/2002, ISBN: 3*86073*982*4

[[Info + Download](#)]

Habetha, J.: **Entwurf eines cluster-basierten ad hoc Funknetzes**. Ph. D. Dissertation, Aachen University, p. 357, Lehrstuhl für Kommunikationsnetze, 07/2002, ISBN: 3-86073-981-6

[[Info + Download](#)]

Obradovic, V.: **Teletraffic Analysis of Mobile Satellite Systems**. Ph. D. Dissertation, Aachen University, p. 229, Lehrstuhl für Kommunikationsnetze, 07/2002, ISBN: 3-86073-980-8

[[Info + Download](#)]

Hamacher, C.: **Guard Bands for Coexistence of UMTS and DVB in a Hybrid Radio System**. In *IST Mobile Communications Summit 2002*, p.p. 261-265, Thessaloniki, Greece, 06/2002

[[Info + Download](#)]

Heier, S. and Rock, J.-O. and Kemper, A.: **Performance Characteristics of UMTS for the Mobile Internet Access**. In *International Conference on Wireless Networks*, 06/2002

[[Info + Download](#)]

Heier, S. and Gräbner, S. and Rock, J.-O. and Kemper, A.: **Quality of Service of Internet Applications over the UMTS Radio Interface**. In *Mobile Multimedia Telecom Conference*, 06/2002

[[Info + Download](#)]

Oh, S.-H. and Moro, D. and Sobrino, A. and Cuadrado, J. and Sorbo, F. and Priscoli, F. and Lombardi, G. and Ventrone, F. and Giralda, A.: **Service and interworking trials on the VIRTUOUS demonstrator: mobility, QoS adaptati on and end-to-end connectivity in a multi-segment 2.5G-3G, terrestrial and satellite network**. In *Proceedings of IST Mobile & Wireless Telecommunications Summit 2002*, Thessaloniki, Greece, 06/2002

[[Info + Download](#)]

Schultz, D. and Oh, S.-H. and Grecas, C. and Albani, M. and Arbib, C. and Arvia, V. and Servilio, M. and Sorbo, F. and Giralda, A.: **A QoS Concept for Packet Oriented S-UMTS Services**. In *Proceedings of IST Mobile & Wireless Telecommunications Summit 2002*, Thessaloniki, Greece, 06/2002

[[Info + Download](#)]

Stuckmann, P. and Hoymann, C.: **Traffic Performance Analysis of Multimedia Applications in Evolved GSM Networks**. In *Multiaccess, Mobility and Teletraffic for Wireless Communications, Volume 6*, Kluwer Academic Publishers, p.p. 279-293, Rennes, France, 06/2002

[[Info + Download](#)]

Walke, B. and Althoff, M.-P. and Seidenberg, P.: **UMTS - Ein Kurs**. , 06/2002

[[Info](#)]

Esseling, N. and Weiss, E. and Krämling, A. and Zirwas, W.:**Supporting Cost Efficient Public 5GHz-W-LAN Roll Out with a Multi Hop HiperLAN/2 Concept**. In *Proc. of 55th VTC 2002 Spring*, Birmingham, Al, USA, 05/2002

[[Info + Download](#)]

Forkel, I. and Kemper, A. and Pabst, R. and Hermans, R.:**The Effect of Electrical and Mechanical Antenna Down-Tilting in UMTS Networks**. In *Proceedings of 3G 2002 - Third International Conference on 3G Mobile Communication Technologies*, p.p. 86-90, London, UK, 05/2002

[[Info + Download](#)]

Heier, S. and Heinrichs, D. and Kemper, A.:**Performance Evaluation of Internet Applications over the UMTS Radio Interface**. In *VTC Spring 2002*, 05/2002

[[Info + Download](#)]

Heier, S. and Heinrichs, D. and Kemper, A.:**IP based Services at the UMTS Radio Interface**. In *Proceedings of 3G 2002 - Third International Conference on 3G Mobile Communication Technologies*, London, UK, 05/2002

[[Info + Download](#)]

Heier, S. and Heinrichs, D. and Kemper, A.:**Performance of Internet Applications at the UMTS Radio Interface**. In *Proceedings of 3Gwireless 2002 - 2002 International Conference on Third Generation Wireless and Beyond*, San Francisco, US, 05/2002

[[Info + Download](#)]

Mangold, S.:**IEEE 802.11e: Coexistence of Overlapping Basic Service Sets (invited paper)**. In *Proceedings of the Mobile Venue'02*, p.p. 131-135, Athens, Greece, 05/2002

[[Info + Download](#)]

Forkel, I. and Wegmann, B. and Schulz, E.:**On the Capacity of a UTRA-TDD Network with Multiple Services**. In *Proceedings of ICC 2002 - International Communications Conference*, New York, US, 04/2002

[[Info + Download](#)]

Habetha, J. and Walke, B.:**Fuzzy rulebased mobility and load management for selforganizing wireless networks**. In *Journal of Wireless Information Networks, Special Issue on Mobile Ad Hoc Networks (MANETs): Standards, Research, Applications*, Vol.9, p.p. 119-140, 04/2002

[[Info + Download](#)]

Mangold, S. and Berlemann, L. and Hiertz, G.:**QoS Support as Utility for Coexisting Wireless LANs**. In *Proceedings of the International Workshop on IP Based Cellular Networks, IPCN*, Paris, France, 04/2002

[[Info + Download](#)]

Stuckmann, P.:**Quality of Service Management in GPRS-based Radio Access Networks**. In *Telecommunication Systems*, Vol.19, p.p. 515-546, 04/2002

[[Info + Download](#)]

Stuckmann, P. and Hoymann, C.:**Performance Evaluation of WAP-based Applications over GPRS**. In *IEEE Conference on Communications (ICC '02)*, New York, USA, 04/2002

[[Info + Download](#)]

Vornefeld, U.:**Analytical Concepts for GPRS Network Dimensioning**. In *Proc. of the International*

Communications Conference '02, New York, US, 04/2002

[[Info + Download](#)]

Rapp, J.: **Increasing Throughput and QoS in a HIPERLAN/2 System with Co-Channel Interference**. In *Telecommunications Systems*, Vol.19, p.p. 289-299, 03/2002

[[Info](#)]

Busboom, A. and Herwono, I. and Schuba, M. and Zavagli, G.: **Unambiguous Device Identification and Fast Connection Setup in Bluetooth**. In *Proceedings of the European Wireless 2002*, Florence, Italy, 02/2002

[[Info + Download](#)]

Esseling, N. and Weiss, E. and Krämling, A. and Zirwas, W.: **A Multi Hop Concept for HiperLAN/2: Capacity and Interference**. In *Proc. European Wireless 2002*, Vol.1, p.p. 1-7, Florence, Italy, 02/2002

[[Info + Download](#)]

Fornefeld, U. and Walke, B.: **On the CIR Gain from Location Diversity in GPRS Networks**. In *Proceedings of the European Wireless 2002*, p.p. 898-903, Floreny, It, 02/2002

[[Info + Download](#)]

Habetha, J. and Dutar, R. and Wiegert, J.: **Performance evaluation of HiperLAN/2 multihop ad hoc networks**. In *Proc. European Wireless*, p.p. 25-31, Florenz, 02/2002

[[Info + Download](#)]

Mangold, S. and Choi, S. and Klein, O. and Hiertz, G. and Stibor, L.: **IEEE 802.11e Wireless LAN for Quality of Service (invited paper)**. In *Proceedings of the European Wireless*, Vol.1, p.p. 32-39, Florence, Italy, 02/2002

[[Info + Download](#)]

Stuckmann, P. and Hoymann, C.: **Dimensioning GPRS Networks for Coexisting Applications based on WAP and Conventional Internet Protocols**. In *Proc. European Wireless (EW'02)*, Florence, Italy, 02/2002

[[Info + Download](#)]

Vornefeld, U.: **Analytical Performance Evaluation of Mobile Internet Access via GPRS Networks**. In *Proc. of the European Wireless '02*, p.p. 712-718, Florence, Italy, 02/2002

[[Info + Download](#)]

Wijaya, H. and Esseling, N. and Klein, O. and Vidal, A. and Zirwas, W.: **Protocol Implementation for a 5 GHz OFDM-Testbed**. In *Proc. European Wireless 2002*, Vol.1, p.p. 20-24, Florence, Italy, 02/2002

[[Info + Download](#)]

Zirwas, W. and Giebel, T. and Esseling, N. and Schulz, E. and Eichinger, J.: **Broadband Multi Hop Networks with reduced Protocol Overhead**. In *Proc. European Wireless 2002*, Vol.1, p.p. 333-339, Florence, Italy, 02/2002

[[Info + Download](#)]

Walke, B. and Siebert, M.: **Mobile Radio Networks - Networking, Protocols and Traffic Performance, Second Edition (PHS Chapter)**. In *John Wiley & Sons, Chichester* In *Mobile Radio Networks - Networking, Protocols and Traffic Performance, Second Edition, Chapter on Personal Handyphone System (PHS)*, p.p. 747-774, Chichester, U.K., 01/2002, ISBN: 0471499021

[[Info + Download](#)]

Rapp, J.:*Ratenanpassung in HIPERLAN/2 mit realistischer Interferenz-Modellierung und detailliertem Protokollstapel*. Ph. D. Dissertation, Aachen University, RWTH Aachen, Lehrstuhl für Kommunikationsnetze, 2002, ISBN: 3-86073-829-1
[[Info + Download](#)]

Walke, B.:*Mobile Radio Networks - Networking, Protocols and Traffic Performance, Second Edition*. , 2002
[[Info](#)]

Hartmann, J.:*Agentenbasiertes Kommunikationskonzept zur Realisierung von E-Commerce-Diensten in zellularen Mobilfunknetzen*. Ph. D. Dissertation, Aachen University, p. 180, Lehrstuhl für Kommunikationsnetze, 2002, ISBN: 3-89653-825-9
[[Info + Download](#)]

Scheibenbogen, M.:*Dynamische Kanalvergabe in zellularen Funksystemen*. Ph. D. Dissertation, , 2002, ISBN: 3-86073-827-5
[[Info + Download](#)]

Kadelka, A.:*Entwurf und Leistungsanalyse des mobilen Internetzugangs über HIPERLAN/2*. Ph. D. Dissertation, Aachen University, 2002, ISBN: 3-86073-826-7
[[Info + Download](#)]