

Publikationen von Walke, Bernhard

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Books				
Authors	Title	Publisher	Month	Year
Walke, B.	ComNets - Sonderband zur Eröffnung des ComNets-Gebäudes	Vol. 1000, p. 243, Lehrstuhl für Kommunikationsnetze, Wissenschaftsverlag Mainz	11	2008
Walke, B. and Takagi, H.	Spectrum Requirement Planning in Wireless Communications: Model and Methodology for IMT - Advanced	p. 266, Lehrstuhl für Kommunikationsnetze, John Wiley & Sons	04	2008
Walke, B. and Mangold, S. and Berlemann, L.	IEEE 802 Wireless Systems: Protocols, Multi-Hop Mesh/Relaying, Performance and Spectrum Coexistence	p. 368, John Wiley & Sons	11	2006
Walke, B. and Althoff, M.-P. and Seidenberg, P.	UMTS - A Comprehensive Introduction	John Wiley & Sons, Chichester, New York, Weinheim, Brisbane, Singapore, Toronto, 350 pages, ISBN: 0470845570	08	2002
Walke, B. and Althoff, M.-P. and Seidenberg, P.	UMTS - Ein Kurs	2. Auflage Juni 2002, J. Schlembach Fachverlag, Weil der Stadt, 340 Seiten, ISBN 3-935340-15XJ	06	2002
Walke, B.	Mobile Radio Networks - Networking, Protocols and Traffic Performance, Second Edition	John Wiley & Sons, Chichester, New York, Weinheim, Brisbane, Singapore, Toronto		2002
Walke, B.	Mobile Radio Networks - Networking and Protocols	John Wiley & Sons, Chichester, New York, Weinheim, Brisbane, Singapore, Toronto, 892 pages, ISBN 0-471-49902-1	11	2001
Walke, B. and Althoff, M.-P. and Seidenberg, P.	UMTS - Ein Kurs	J. Schlembach Fachverlag, Weil der Stadt, 340 Seiten, ISBN 3-935340-15X	08	2001
Walke, B. and Siebert, M.	Mobilfunknetze und ihre Protokolle (Band 2, PHS Kapitel)	In Teubner, Stuttgart, In Mobilfunknetze und ihre Protokolle Band 2, p.p. 243-275, Stuttgart, Teubner		2001
Walke, B.	Mobilfunknetze und ihre Protokolle - Band 1	TEUBNER B.G., Stuttgart, 535 Seiten, ISBN 3-519-16430-0		2000
Walke, B.	Mobilfunknetze und ihre Protokolle - Band 2	TEUBNER B.G., Stuttgart, 559 Seiten, ISBN 3-519-16431-0		2000

Walke, B.	Mobile Radio Networks - Networking and Protocols	John Wiley & Sons, Chichester, New York, Wenheim, Brisbane, Singapore, Toronto, 892 pages, ISBN 0-471-97595-4	04	1999
Walke, B.	Mobilfunknetze und ihre Protokolle - Band I: Grundlagen, GSM, UMTS und andere zellulare Mobilfunknetze	Stuttgart, B. G. Teubner, Stuttgart, 468 Seiten, ISBN 3-519-06430-8		1998
Walke, B.	Mobilfunknetze und ihre Protokolle - Band II: Bündelfunk, schnurlose Telefonsysteme, W-ATM, HIPERLAN, Satellitenfunk, UPT. (NM)	Stuttgart, B. G. Teubner, Stuttgart, 456 Seiten, ISBN 3-519-06431-6		1998
Walke, B. and Böhmer, S. and Bastian, M. and Hörning, K.-H.	Betriebliche und Überbetriebliche Vernetzung von Arbeitsplätzen	Braunschweig, Wiesbaden, Vieweg-Verlag		1994
Walke, B.	Teil 2: Sicherungsprotokolle für die Rechner-Rechner Kommunikation, über konventionelle Datenübertragungswege und lokale Netze. LANs und ISDN-Nebenstellenanlagen	In Datenkommunikation I (2 Bücher), p. 235, 888ELTEX Studentexte Elektrotechnik, A. Hüthig Verlag Heidelberg		1987
Walke, B.	Teil 1: Verteilte Systeme, ISO/OSI-Architekturmodell und Bitübertragungsschicht	In Datenkommunikation I (2 Bücher), p. 225, 888ELTEX Studentexte Elektrotechnik, A. Hüthig Verlag Heidelberg		1987
Walke, B.	Realzeitrechner-Modelle: Theorie und Anwendung	In Reihe Datenverarbeitung, Oldenburg Verlag München	01	1978

Book Chapters

Authors	Title	Publisher	Month	Year
Hoymann, C. and Walke, B.	IEEE 802.16 Wireless Metropolitan Area Networks	In IEEE 802 Wireless Systems, p.p. 147-195, Chichester, West Sussex, UK, John Wiley & Sons	11	2006
Esseling, N. and Walke, B. and Pabst, R.	Fixed Relays For Next Generation Wireless Systems	In Emerging Location Aware Broadband Wireless Adhoc Networks, p.p. 71-91, Edited by Ganesh, Rajamani and Kota, Sastri and Pahlavan, Ka, New York, USA, Springer Science+Buisness Media, Inc.		2005
Mangold, S. and Hiertz, G. and Walke, B.	Wireless Communications and Mobile Computing, Special Issue on Emerging WLAN Technologies and Applications	John Wiley & Sons, Chichester	12	2004
Walke, B.	Book of Visions 2003: Chapters by Working Group 4	p. 138, John Wiley & Sons, Chichester		2004

Forkel, I. and Mangold, S. and Easo, R. and Walke, B.	Traffic based Dynamic Channel Allocation Schemes for W.L.L.	In Wireless Local Loops - Theory and Applications, edited by P. Stavroulakis, John Wiley & Sons, Chichester, New York, Wenheim, Brisbane, Singapore, Toronto, 289 pages, ISBN 0-471-49846-7	05	2001
Mangold, S. and Walke, B. and Forkel, I. and Easo, R.	Traffic Considerations in Comparing Access Techniques for W.L.L.	In Wireless Local Loops - Theory and Applications, edited by P. Stavroulakis, John Wiley & Sons, Chichester, New York, Wenheim, Brisbane, Singapore, Toronto, 289 pages, ISBN 0-471-49846-7	05	2001
Walke, B.	Wireless Local Loops - Theory and Applications, P. Stavroulakis (Editor), Chapter on: Traffic based Dynamic Channel Allocation Schemes for W.L.L..	p. 289	05	2001
Walke, B.	Book of Visions 2000	In Wireless World Research Forum, Editor of the Chapters by Working Group 4		2000
Walke, B.	Kommunikation total ?	In Horizonte, Die RWTH Aachen auf dem Weg ins 21. Jahrhundert, p.p. 399-409, Springer Verlag, Berlin, Heidelberg		1999
Walke, B. and Kruse, J.	Technik des Mobilfunks (Dienst und Protokolle digitaler Mobilfunknetze) und Zellulärer Mobilfunk	In net Buch, p.p. 17-63, R.v.Deckers Verlag, G.Schenk, Heidelberg		1992

Editorials

Authors	Title	Publisher	Month	Year
Walke, B. and Karetos, G. and Rouskas, A. and Jabbari, B.	Editorial of "Topics in Wireless Broadband Systems"	In Computer Networks, p. 4, -	03	2007
Grillo, D. and Lee, Y.-H. and Tiedemann, E. and Visser, J. and Walke, B.	Editorial of "Towards the Next Generation Mobile Communication"	In Journal of Communications and Networks, Special Issue on "Towards the Next Generation Mobile Communications", Vol. 7, No. 2, p.p. 97-103, Korea	06	2005
Walke, B.	4G Mobile Communications	In Journal of Communications and Networks http://www.jcn.or.kr	05	2005
Lu, W. and Walke, B. and Shen, X.	4G Mobile Communications: Towards Open Wireless Architecture	In IEEE Wireless Communications, Vol. 11, No. 2, p.p. 6-8	04	2004
Walke, B. and Luise, M.	Next Generation Wireless Networks: Technologies, Protocols and Services (Editorial of European Wireless)	In Europ. Trans. Telecomms. 200; 14: 1-2, p.p. 1-2, Lehrstuhl für Kommunikationsnetze	01	2003
Walke, B.			09	2001

	Algorithms and Software for Mobile Communications	In 10th Aachen Symposium on Signal Theory, p. 2		
Walke, B.	Introduction to the Conference	In European Wireless, p. 2	10	1999
Walke, B.	The present time and near future of Mobile Radio Networks and Services	In Proceedings of The Second European Personal Mobile Communications Conference (EPMCC'97), p.p. 3-8, Bonn, German	09	1997
Walke, B.	Mobile Kommunikation	In ITG-Fachtagung Mobile Kommunikation, p. 2	09	1995

Reviewed Journal Articles

Authors	Title	Publisher	Month	Year
Max, S. and Weiss, E. and Hiertz, G. and Walke, B.	Capacity bounds of deployment concepts for Wireless Mesh Networks	In Performance Evaluation, Vol. 66, No. 3-5, p.p. 272-286, Amsterdam,Elsevier	03	2009
Zang, Y. and Weiss, E. and Stibor, L. and Walke, B. and Chen, H. and Cheng, X.	Opportunistic Wireless Internet Access in Vehicular Environments Using Enhanced WAVE Devices	In International Journal of Hybrid Information Technology, Vol. 1, No. 2, p.p. 83-100, Korea,SERSC	04	2008
Terré, M. and Walke, B. and Correia, L. and Sibille, A.	Wireless communications systems	In Ann. Telecommun., p. 2, Heidelberg,Springer Verlag		2008
Hiertz, G. and Max, S. and Junge, T. and Berlemann, L. and Walke, B. and Denteneer, D. and Mangold, S.	Redes mesh sem fio	In Redes, telecom e instalações, Vol. 91, p.p. 32--45, Al. Olga 315, 01155-900 São Paulo, SP Brasil	12	2007
Gehlen, G. and Aijaz, F. and Yi Zhu, and Walke, B.	Mobile P2P Web Services using SIP	In Journal of Mobile Inofrmation Systems, Vol. 3, No. 3,4, p.p. 165-185, Edited by Eric Pardede, Amsterdam, Netherlands,IOS PRes	09	2007
Max, S. and Hiertz, G. and Weiss, E. and Denteneer, D. and Walke, B.	Spectrum sharing in IEEE 802.11s wireless mesh networks	In Computer Networks, Vol. 51, No. 9, p.p. 2353-2367, New York, NY, USA,Elsevier North-Holland, Inc.	06	2007
Zhao, R. and Walke, B. and Hiertz, G.	An Efficient IEEE 802.11 ESS Mesh Network Supporting Quality of Service	In IEEE Journal on Selected Areas in Communications (JSAC) , Vol. 24, No. 11, p.p. 2005-2017, Edited by Giuseppe	11	2006

		Bianchi, Shyam S. Chakraborty, Xingang Guo, Edward Knightly, 445 Hoes Lane, Piscataway, NJ 08855-1331, USA		
Berlemann, L. and Pabst, R. and Walke, B.	Efficient Multi-Mode Protocol Architecture for Complementary Radio Interfaces in Relay-Based 4G Networks	In IEEE Wireless Communications, p. 10	06	2006
Berlemann, L. and Mangold, S. and Hiertz, G. and Walke, B.	Spectrum Load Smoothing: Distributed Quality-of-Service Support for Cognitive Radios in Open Spectrum	In European Transactions on Telecommunications (ETT), p.p. 395-406	05	2006
Berlemann, L. and Mangold, S. and Hiertz, G. and Walke, B.	Policy Defined Spectrum Sharing and Medium Access for Cognitive Radios	In Journal of Communications (JCM), p.p. 1-12	04	2006
Weiss, E. and Hiertz, G. and Xu, B. and Hischke, S. and Walke, B. and Gross, S.	Improving routing performance in wireless ad hoc networks using cross-layer interactions	In Ad Hoc Networks, In Press, , p. 21, Available online 18 April 2006	04	2006
Berlemann, L. and Pabst, R. and Walke, B.	Multimode Communication Protocols Enabling Reconfigurable Radios	In EURASIP Journal in Wireless Communications and Networking, Special Issue: Reconfigurable Radio for Future Generation Wireless Systems , Vol. 2005, No. 3, p.p. 390-400,Hindawi Publishing Corporation	08	2005
Berlemann, L. and Mangold, S. and Hiertz, G. and Walke, B.	Radio Resource Sharing Games: Enabling QoS Support in Unlicensed Bands	In IEEE Network, Special Issue Wireless Local Area Networking: QoS Provision & Resource Management , p.p. 59-65	07	2005
Schultz, D. and Walke, B. and Hiertz, G. and Zhao, R. and Pelatti, P. and Reumerman, H.-J. and Hoymann, C.	White Paper on Meshing for Relay based Deployment Concepts	In Wireless World Research Forum, p. 16, San Diego, California, USA	07	2005
Pabst, R. and Esseling, N. and Walke, B.	Fixed Relays for Next Generation Wireless Systems - System Concept and Performance Evaluation	In Journal of Communications and Networks, Special Issue on "Towards the Next Generation Mobile Communications", Vol. 7, No. 2, p.p. 104-114, Korea	06	2005
Mangold, S. and Zhong, Z. and Hiertz, G. and	IEEE 802.11e/802.11k wireless LAN: spectrum awareness for distributed resource sharing	In Wireless Communications and Mobile Computing 2004, Vol. 4 Issue 8, p.p. 881-902,John Wiley & Sons, Ltd.	12	2004

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Pabst, R. and Walke, B. and Schultz, D. and et al,	Relay-Based Deployment Concepts for Wireless and Mobile Broadband Radio	In IEEE Communications Magazine, p.p. 80-89, New York, US	09	2004
Mangold, S. and Choi, S. and Hiertz, G. and Klein, O. and Walke, B.	Analysis of IEEE 802.11 for QoS Support in Wireless LANs	In IEEE Wireless Communications, Vol. 10, p.p. 2-12	12	2003
Walke, B. and Kumar, V.	Spectrum Issues and New Air Interfaces	In Computer Communications (COMCOM), Vol 26 Issue 1	01	2003
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
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
Esseling, N. and Vandra, H. and Walke, B.	A Forwarding Concept for HiperLAN/2	In COMPUTER NETWORKS, Vol. 37, p.p. 25-32	09	2001
Walke, B. and Esseling, N. and Habetha, J. and Hettich, A. and Kadelka, A. and Mangold, S. and Peetz, J. and Vornefeld, U.	IP over Wireless Mobile ATM - Guaranteed Wireless QoS by HiperLAN/2	In Proceedings of the IEEE, Vol. 89, p.p. 21-40, Lehrstuhl für Kommunikationsnetze	01	2001
Lott, M. and Walke, B.	Performance analysis of a wireless ad hoc network with QoS support	In Telecommunication Systems, Vol. 16, p.p. 115-134		2001
Walke, B. and Xu, B.	Design Issues of Self-organizing Broadband Wireless Networks	In Computer Networks, Vol. 37, p.p. 73-81		2001
Walke, B. and Krämling, A. and Scheibenbogen, M.	Dynamic channel allocation in wireless ATM networks	In Wireless Networks, Vol. 6, p.p. 381-389, Lehrstuhl für Kommunikationsnetze	11	2000
Walke, B.	Kommunikation, Vernetzung, Mobilität - Potentiale der Mobilkommunikation	In Jahrbuch 2000, RWTH an der Schwelle zum 21. Jahrhundert, p. 15, RWTH Aachen, Germany		2000
Vornefeld, U. and Walke, C. and Walke, B.	SDMA-Techniques for Wireless ATM	In IEEE Communications Magazine, p.p. 2-7, New York, USA	11	1999

Keller, R. and Walke, B. and Fettweis, G. and Bostelmann, G. and Möhrmann, K. and Herrmann, C. and Kraemer, R.	Wireless ATM for Broadband Multimedia Wireless Access: The ATMmobil Project	In IEEE Personal Communications, p.p. 66-80, IEEE Comm. Society USA	10	1999
Walke, B.	Breitbandige Mobilkommunikation für Multimedia auf ATM-Basis	In Jahrbuch Elektrotechnik 1999, p.p. 58-61, VDE Verlag, Berlin	08	1999
Walke, B.	Besondere technische Aspekte von drahtlosen ATM-Systemen	In VDE Jahrbuch 1999, p. 4, VDE Verlag, Berlin		1999
Walke, B.	ATMmobil: Breitbandige Mobilkommunikation für Multimedia auf ATM-Basis	In NTZ Informationstechnik und Telekommunikation, p. 14, VDE Verlag, Berlin	05	1998
Walke, B. and Brasche, G.	Concepts, Services, and Protocols of the new GSM Phase 2+ General Packet Radio Service	In IEEE Communications Magazine, p. 94, New York, USA	08	1997
Walke, B. and Görg, C.	Verbundprojekt: Schnelle Netze - Nutzung und Entwicklung der Datenübertragung mit Hoch- und Höchstgeschwindigkeit	In Informatik'97 - Informatik als Innovationsmotor, Aachen, Sept. 97, Informatik aktuell, Springer Verlag		1997
Walke, B. and Petras, D. and Plassmann, D.	Wireless ATM: Air Interface and Network Protocols of the Mobile Broadband System	In IEEE Personal Communications Magazine, Vol. 3, p.p. 50-56	08	1996
Walke, B.	Messung, Modellierung und Bewertung von Rechen- und Kommunikationssystemen, Kurzberichte und Werkzeugvorstellung	In Aachener Beiträge zur Informatik, Band 2, Aachen		1993
Walke, B.	Messung, Modellierung und Bewertung von Rechen- und Kommunikationssystemen	In Informatik Aktuell, Springer Verlag		1993
Walke, B.	Mobile Kommunikation	In ITG Fachbericht 124, VDE Verlag, Berlin		1993
Walke, B.	Traffic problems in mobile radio networks	In Invited Paper, AEÜ, Vol. 47, No. 5/6, p.p. 445-455, Stuttgart, Hirzel Verlag		1993
Walke, B. and Brass, V.	Entwurf und Bewertung eines effizienten Broadcast-Routingverfahrens für dezentralorganisierte Mobilfunknetze	In GI-Fachtagung Kommunikation in verteilten Systemen, Stuttgart	02	1989
Walke, B.	Digitale Nebenstellenanlagen und lokale Netze	In Informatik Spektrum Band 11, Heft 1, p.p. 9-28, Hagen		1988
Walke, B.		In Informationstechnik it, p.p. 74-88, H.2		1986

	Lokale Netze - Eine neue Technologie für digitale Nachrichtenübermittlung			
Walke, B.	Über Vor- und Nachteile der Datenpaketvermittlung im Vergleich zur Leitungsvermittlung	In Informatik Spektrum, Band 7, p.p. 221-236, Hagen		1984
Walke, B.	Software-Aspekte sicherer Datenkommunikation (Teil I und II)	In Elektron. Rechenanl. 25, p.p. 170-177, H.5 S.219-233		1983
Walke, B.	Vergabe von Prioritäten und Einsatz von Betriebsmitteln in Prozessrechnern, Entwurf einer Projektierungsrichtlinie.	In Informatik Spektrum, Band4, H.2, p.p. 101-121, Ulm		1981
Walke, B. and Rosenbohm, W.	Deadline Oriented Servicing: Waiting-Time Distributions	In IEEE Trans. Software Engineering Vol.SE-6, No.3, p.p. 304-312, Lehrstuhl für Kommunikationsnetze	05	1980
Walke, B.	Zum Stand der Paketvermittlungstechnik: Übersicht, Protokolle, Kostenbewertung, existierende Netze, Strukturen von Vermittlungsrechnern	In Wiss. Ber. AEG-TELEFUNKEN 53, p.p. 111-135, H.3		1980
Walke, B.	Ein Rechnermodell mit statischen Prioritäten und Zeitscheiben	In Elektron. Rechenanl. 22, p.p. 107-114, H.3		1980
Walke, B.	Vergabe von Prioritäten und Einsatz von Betriebsmitteln in Prozessrechnern, Entwurf einer Projektierungsrichtlinie.	In Wiss. Berichte AEG-TELEFUNKEN 52, p.p. 157-171, Ulm		1979
Walke, B.	Zur Anwendung optimaler Bedienstrategien in Rechnern	In Informatik Fachberichte 19, p.p. 352-367, Springer, Berlin		1979
Walke, B.	Betriebsabläufe in Anlagen mit Rechnern	In Wiss Berichte AEG-TELEFUNKEN 52, p.p. 8-15, Ulm		1979
Walke, B.	Prozeßrechner: Statische und terminorientierte Prioritäten im Vergleich	In Elektron. Rechenanl. 20, p.p. 283-289, Ulm		1978
Walke, B.	Program Replacement for better Throughput	In IEEE Trans. Softw. Engin. Vol. SE-3 No.5, p.p. 369-374, Lehrstuhl für Kommunikationsnetze	09	1977
Walke, B.	Über wartezeitoptimale Abfertigungsstrategien für Prozeßrechner	In Informatik Fachberichte 7, p.p. 357-367, Springer, Berlin		1977
Walke, B.	Zum optimalen Multiprogramming-Grad bei streuender Programmgröße	In Informatik Fachberichte 5, p.p. 327-342, Springer, Berlin		1976
Walke, B.				1976

	Strategien zur Leistungssteigerung von Rechenanlagen	In Angewandte Informatik 7/76, p.p. 235-242, Ulm		
Walke, B.	Mathematische Formulierung der Bedienqualität von Teilnehmer-Rechensystemen	In Wiss. Ber. AEG-TELEFUNKEN 48, p.p. 151-153, AEG		1975
Walke, B.	Queueing Networks with Degenerate Exponential Servers	In Wiss. Berichte AEG-TELEFUNKEN 48, p.p. 153-157, AEG		1975
Walke, B.	Verdrängende Arbeitsspeicher-Belegungsstrategien zur Durchsatzsteigerung von Rechenanlagen	In Elektron. Rechenanl. 17, p.p. 171-176, AEG		1975
Walke, B.	Ziele und Hilfsmittel der Betriebsmittelverwaltung in Rechenanlagen	In Wiss. Berichte AEG-TELEFUNKEN 48, p.p. 100-105, Lehrstuhl für Kommunikationsnetze		1975
Walke, B.	Optimierung der Arbeitsspeicherbelegung in Teilnehmer-Rechnersystemen durch Simulation	In Wiss. Berichte AEG-TELEFUNKEN 47, p.p. 33-46, Lehrstuhl für Kommunikationsnetze		1974
Walke, B.	Entwicklung optimaler Zuteilungsstrategien für rechner-Modelle durch Simulation und Rechnung	In Elektron. Rechenanl. 16, p.p. 9-17, Ulm, Germany		1974
Walke, B.	Durchsatzberechnung für Modelle mit begrenztem Arbeitsspeicher bei einem und zwei Rechenkernen so wie einem und zwei Transportkanälen	In Elektron. Rechenanl. 15, p.p. 223-233, Ulm		1973
Walke, B.	Die mittlere Verweilzeit in Teilnehmerrechensystemen bei optimaler Rechenzeit-, Arbeitsspeicher- und Transportkanalzuteilung	In Nachrichtent. Fachber. Bd.44, p.p. 257-264, VDE Verlag, Berlin		1972
Walke, B. and Küssert, H.	Teilnehmerrechensysteme: Mittlere Verweilzeiten bei optimaler Rechenzeit-zuteilung	In Elektron. Rechenanl. 13, p.p. 193-199, Ulm, Germany		1971

Reviewed Conference Papers

Authors	Title	Publisher	Month	Year
Aijaz, F. and Ali, S. and Chaudhary, M. and Walke, B.	Enabling High Performance Mobile Web Services Provisioning	In Proceedings of the 2009 IEEE 70th Vehicular Technology Conference Fall, p. 6, Anchorage, Alaska-USA,IEEE	09	2009
Aijaz, F. and Mohammad Adeli, S. and Walke, B.	A Service-Oriented Approach for In-Network Computations in Wireless Networks	In In Proceedings of the Sixth IEEE/IFIP International Conference on Wireless and Optical communications Networks (WOCN), p. 6, Cairo, Egypt,IEEE	04	2009

Aijaz, F. and Mohammad Adeli, S. and Walke, B.	Architecture for Consuming Long-Lived Mobile Web Services over Multiple Transport Protocols	In Proceedings of The Second IEEE/IFIP International Conference on New Technologies, Mobility and Security, p. 5, Tangier, Morocco,ESR Group France	11	2008
Mirkovic, J. and Walke, B. and Gomez Garcia, J.	Channel Aware Scheduling in MIMO Based WLANs in the Presence of Channel Uncertainty	In Proceedings of the 2008 IEEE International Symposium on Wireless Communication Systems, p. 5, Reykjavik, Iceland	10	2008
Mirkovic, J. and Walke, B.	On Performance of MIMO Link Adaptation in the Presence of Channel Uncertainty	In Proceedings of 4th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications 2008, p. 6, Avignon, France	10	2008
Schoenen, R. and Otyakmaz, A. and Walke, B.	Concurrent Operation of Half- and Full-Duplex Terminals in Future Multi-Hop FDD Based Cellular Networks	In Proceedings of the 4th IEEE International Conference on Wireless Communications, Networking and Mobile Computing (WiCOM), p. 6, Dalian, China	10	2008
Aijaz, F. and Mohammad Adeli, S. and Walke, B.	Middleware for Communication and Deployment of Long-Lived Mobile Web Services	In Proceedings of 2008 IEEE International Conference on Web Services (ICWS), p. 4, Beijing, China,IEEE Computer Society	09	2008
Aijaz, F. and Hameed, B. and Walke, B.	Asynchronous Mobile Web Services: Concept and Architecture	In Proceedings of 2008 IEEE 8th International Conference on Computer and Information Technology, p. 6, Sydney, Australia,Internet	07	2008
Schoenen, R. and Zirwas, W. and Walke, B.	Raising Coverage and Capacity using Fixed Relays in a Realistic Scenario	In Proceedings of European Wireless Conference 2008, p. 6, Prague, Czech Republic	06	2008
Otyakmaz, A. and Schoenen, R. and Dreier, S. and Walke, B.	Parallel Operation of Half- and Full-Duplex FDD in Future Multi-Hop Mobile Radio Networks	In Proceedings of European Wireless Conference 2008, p. 7, Prague, Czech Republic	06	2008
Mirkovic, J. and Walke, B.	Theoretical Analysis of Saturation Throughput in MU-DCF	In Proceedings of IEEE 67th Vehicular Technology Conference: VTC2008-Spring, p. 5, Singapore	05	2008
Schoenen, R. and Zirwas, W. and Walke, B.	Capacity and Coverage Analysis of a 3GPP-LTE Deployment Scenario	In Proceedings of the Broadband Wireless Access Workshop BWAW'08 colocated with ICC'08, p. 6, Beijing, China	05	2008
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Pabst, R. and Schultz, D. and Walke, B.	Performance Evaluation of a Relay-Based 4G Network Deployment with Combined SDMA/OFDMA and Resource Partitioning	In IEEE VTC, p. 5, Singapore	05	2008

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Aijaz, F. and Hameed, B. and Walke, B.	Towards Peer-to-Peer Long Lived Mobile Web Services	In Proceedings of the 4th International Conference on Innovations in Information Technology, p. 5, Dubai, UAE,IEEE	11	2007
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