

List of Publications - Frank Reichert – April 5, 2006

2006

- [1] Andreas Häber , Frank Reichert, and Andreas Fasbender, "UPnP Control Point for Mobile Phones in Residential Networks, " 15th IST Mobile & Wireless Communication Summit, June 4-8, 2006

2001

- [2] R. Leidhammar, F. Reichert, et al, "Mobile Internet Applications," Ericsson Annual Research Report 2000, Kista, Sweden
- [3] F. Reichert, A. Fasbender, H. Eriksson, H. Hermansson, "Communicators and appliances," Ericsson Annual Research Report 2000, Kista, Sweden

1999

- [4] A. Fasbender, F. Reichert, E. Geulen, J. Hjelm, T. Wierlemann, "Any network, any terminal, anywhere," IEEE-Personal-Communications. vol.6, no.2; April 1999; p.22-30.

1997

- [5] F. Reichert, "DIMACS Workshop on End-to-End Network Modeling and Simulations, "Fast Cellular Internet Access: Where is the Problem?," Princeton University, October 23-24, 1997- invited talk

1996

- [6] F. Reichert, J. Harmer, "Client/Server Architectures for Mobile Users: The ACTS OnTheMove project," Proceedings of the Personal Mobile Communicators Conference, London, UK, 1996
- [7] Hans-Georg Baumgarten, Lothar Borrmann, Torsten Köhler, Stephen Pink, Gerard Lacoste, Frank Reichert, "Middleware for a New Generation of Mobile Networks: The ACTS OnTheMove Project," Internet Society INET 96, Montreal, Canada, 1996

1995

- [8] A. Klemets, T. Kohler, S. Pink, F. Reichert, "Implications of real time mobile multimedia for the Internet," 2nd International Workshop on Mobile Multi-Media Communications. Bristol Univ, Bristol, UK, 1995

1994

- [9] G. Maguire, F. Reichert, M. Smith, "A Multiport Mobile Internet Router, " 44th IEEE Vehicular Technology Conference, Stockholm, Sweden, June 94 D. Kerek, H. Tenhunen, G. Maguire, F. Reichert, "The Walkstation Transceiver Design, " 44th IEEE Vehicular Technology Conference, Stockholm, Sweden, June 94
- [10] D. Kerek, H. Tenhunen, G. Maguire, F. Reichert, "Direct Sequence CDMA Technology and its Application to Future Portable Multimedia Communication Systems", IEEE ISSSTA '94 - Third International Symposium on Spread Spectrum Techniques & Applications, July 4-6, 1994, University of Oulu, Finland
- [11] R.Bolla, F. Davoli, M. Taffone, F. Reichert, "The PRMA-ISA protocol for multiple access of mixed voice and data traffic," 44th IEEE Vehicular Technology Conference, Stockholm, Sweden, June 94
- [12] K. Laraqui, M. Langdell, F. Reichert, A. Fasbender, "Implementation of communication and management protocols for the integrated road transport and traffic environment," Internet Society INET'94/JENC5, Prague, Czech Republic, June 13-17, 1994

- [13] Y. Ismailov, T. Ohsawa, P. Pruthi, F. Reichert, "The Walkstation Project - A flexible platform for experiments in mobile multimedia environments," IFIP Congress 94, Hamburg, Germany, Aug. 28 - Sept. 2
- [14] F. Reichert, "The Walkstation Project on Mobile Computing," IEEE 5th PIMRC'94 / ICCN WCN, The Hague, The Netherlands, Sept. 18-23, 1994 - invited paper

1993

- [15] R. Hager, A. Klemets, G. Maguire, M. Smith, F. Reichert, "MINT - A Mobile Internet Router," 43rd IEEE Vehicular Technology Conference, New Jersey, USA, May 93
- [16] A. Klemets, G. Maguire, F. Reichert, M. Smith, "MINT - A Mobile Internet Router," 1st IEEE International Symposium on Global Data Networking, Cairo, Egypt, Dec. 93
- [17] F. Reichert, "Integration of Mobile Communication into Fixed Networks," NORDUnet 93, Helsinki, Finland, Feb. 93 - invited paper

1992

- [18] G. Holzmann, K. Laraqui, A. Nazari, F. Reichert, "Correct Design of Vehicular Control Strategies," 25th ISATA on Road Transport Informatics / Intelligent Highway Systems, Florence, Italy, June 1992
- [19] W. Kremer, D. Hübner, F. Reichert, "RackNet - A Mobile Radio LAN Integrating Heterogeneous RTI Communication Systems," 25th ISATA on Road Transport Informatics / Intelligent Highway Systems, Florence, Italy, June 1992
- [20] K. Laraqui, A. Nazari, F. Reichert, "Road Transport Informatics - System Interconnection Reference Model Description," 25th ISATA on Road Transport Informatics / Intelligent Highway Systems, Florence, Italy, June 1992
- [21] R. Hager, M. Pelger, D. Kreuer, F. Reichert, "Network Management in Short-Range Mobile Radio Networks: Performance Tuning optimizes Collision Behavior," 42nd IEEE Vehicular Technology Conference, Denver, USA, May 1992
- [22] K. Laraqui, F. Reichert, B. Rodger, "Communication Systems and Protocol Architectures for Road Transport Informatics," DMR V Fifth Nordic Seminar on Digital Mobile Radio Communications, Helsinki, Finland, Dec. 92 -invited paper
- [23] B. Pehrsson, F. Reichert, P. Lindgren, Ch. Bohm, L. Håkansson, L. Elmstedt, P. von Knorring, The Swedish Optical Fiber Network, IEEE OFC'92, San Jose 1992
- [24] B. Pehrsson, F. Reichert, P. Lindgren, Ch. Bohm, L. Håkansson, L. Elmstedt, P.v.Knorring, The Swedish MultiG PTM Dual Fiber Network, IFIP TC6 Workshop On Broadband Communications, Lisboa 1992 1991
- [25] S. Hoff, D. Hübner, F. Reichert, Protocols for Mobile Short Range Communication Based on Transponders, Proc. of the 41st IEEE VTC, St. Louis May 1991
- [26] S. Hoff, D. Hübner, F. Reichert, A. Scunio, Leistungsbewertung von Verfahren der Mobil-Kommunikation: Dezentrale Paketsynchronisation und Kanalzugriff, Proc. of 6. GI/ITG-Fachtagung, Neubiberg September 1991
- [27] D. Hübner, K. Jakobs, F. Reichert, Taking Advantage of the Disadvantage for Improved Decentral Radio Channel Access, Proc. of the 41st IEEE VTC, St. Louis May 1991
- [28] D. Hübner, J. Kaltwasser, J. Kassubek, F. Reichert, A Multihop Protocol for Contacting a Stationary Infrastructure, Proc. of the 41st IEEE VTC, St. Louis May 1991
- [29] D. Hübner, J. Kaltwasser, F. Reichert, A Decentral Media Access Protocol for Mobile Computer Communications, Proc. of the IEEE CompEuro 91, Bologna May 1991
- [30] D. Hübner, J. Kassubek, F. Reichert, A Distributed Multihop Protocol for Mobile Stations to Contact a Stationary Infrastructure, 3rd IEE International Conference on Telecommunications, Edinburgh March 1991
- [31] K. Jakobs, F. Reichert, New Applications for Mobile Communications - The Directory, Proc. of the 41st IEEE VTC, St. Louis May 1991
- [32] K. Jakobs, J. Kaltwasser, F. Reichert, AC/ID - A Decentral Media Access Control With Interference Detection for Mobile Radio Networks, Proc. of the 3rd IEE International Conference on Telecommunications, Edinburgh March 1991

- [33] Ch. Johanson, A. Nazari, K. Laraqui, F. Reichert, BIL - Car-to-Car and Roadside Communication Supported by a Beacon Integrated Link, PRO-COM Proceedings of 5th Prometheus Workshop, Munich 1991
- [34] J. Kaltwasser, F. Reichert, O. Spaniol, Der Computer fährt mit, RWTH Themen 1/91 Informatik, ISSN 0179 79X, Aachen 1991
- [35] K. Laraqui, F. Reichert, G. Holzmann, Correct Design of Prometheus Control Strategies, PRO-COM Proceedings of 5th Prometheus Workshop, Munich 1991
- [36] B. Pehrsson, F. Reichert et al, The Design of the MultiG Dual Fiber Network, Proc. of the 2nd MultiG Workshop, Kista June 1991
- [37] F. Reichert, Dezentrale Koordination mobiler Stationen in Datenfunknetzen, Dissertation, Aachen University of Technology 1991

1990

- [38] P. Form, U. Grotheer, S. Hoff, D. Hübner, F. Reichert, Transponder Technique - An Approach to Integrate Relative Position Finding and Intervehicle Communication into a Single System, Proc. of the 4th Prometheus Workshop, Compiègne 1990
- [39] K. Jakobs, F. Reichert, Directory Services for Mobile Communications, Aachener Informatik Berichte Nr. 90-6, ISSN 0935-3232, Aachen 1990
- [40] K. Jakobs, F. Reichert, Directory Services in Mobile Communication, Proc. of INDC-90, Information Network and Data Communication, Lillehammer 1990
- [41] K. Jakobs, F. Reichert, Using Directory Services in Mobile Communication, Proc. of COMMNET '90, Budapest 1990
- [42] K. Jakobs, F. Reichert, O. Spaniol, Der Computer fährt mit, Aachener Informatik Berichte Nr. 90-12, ISSN 0935-3232, Aachen 1990
- [43] J. Kaltwasser, D. Hübner, F. Reichert, Highway Intersection Aachen, Proc. of the 3rd Prometheus Workshop, Turino 1990
- [44] J. Kassubek, K. Jakobs, F. Reichert, MARION - Multiple Adaptive Routing in Mobile Networks, Proc. Of the 3rd Prometheus Workshop, Turino 1990
- [45] J. Kaltwasser, F. Reichert, M. Schümmer, Performance Results of Prometheus Protocols, Proc. of the 3rd Prometheus Workshop, Turino 1990
- [46] F. Reichert, PRO-COM Tasks or How to Achieve PROMETHEUS Functions, Prometheus Report, Aachen 1990

1989

- [47] Ph. Godlewski, S. Tabbane, J. Kaltwasser, F. Reichert, Common Communication Scenarios for Comparison of Protocol Research, Proc. of 2nd Prometheus Workshop, Stockholm 1989
- [48] D. Hübner, W. Kremer, A. Mann, F. Reichert, J. Rückert, Entwurf eines Kanalzugriffsprotokolls für Mobilfunknetze, Proc. of ITG/GI Kommunikation in verteilten Systemen, Stuttgart 1989
- [49] J. Kaltwasser, F. Reichert, MONET - A Mobile Network Simulation System for Communication Research, Proc. of the 2nd Prometheus Workshop, Stockholm 1989
- [50] J. Kassubek, W. Kremer, F. Reichert, C. Rokitansky, A Specification Structure for Prometheus, Proc. of the 1st Prometheus Workshop, Wolfsburg 1989
- [51] W. Kremer, F. Reichert, D. Hübner, A. Mann, J. Rückert, Entwurf einer Netzwerktopologie für ein Mobilfunknetz zur Unterstützung des öffentlichen Straßenverkehrs, Proc. of ITG/GI Kommunikation in verteilten Systemen, Stuttgart 1989
- [52] J. Kaltwasser, F. Reichert, T. Hellmich, B. Walke, CSAP-2 A Mobile Network Media Access Protocol, Proc. of the 2nd Prometheus Workshop, Stockholm 1989
- [53] F. Reichert, Variable Implementation of Communication Results into Demonstrators, Proc. of the 2nd Prometheus Workshop, Stockholm 1989

- [54] W. Kremer, F. Reichert, J. Rückert, A. Mann, Entwurf einer Netzwerktopologie für ein Mobilfunknetz zur Unterstützung des öffentlichen Straßenverkehrs, Aachener Informatik Berichte Nr. 88-9, ISSN 0935-3232, Aachen 1988
- [55] F. Reichert, D. Hübner, W. Kremer, Road Traffic Management and Route Guidance System Integrated into Existing Networks, Proc. of the 5th IEEE International Workshop on Telematics, Caen May 1988

Awards

- [1] Bronze Award - 2001 Industrial Design Excellence Awards (IDEA) Industrial Designers Society of America (IDSA) -for: BuddySync Teenager Application -with GVO, US
- [2] 2nd Prize Family Category - PEGI (Parents Advisory Group for the Internet) -Best Site Award 2001 - Safe Surfing Conference 2001, Singapore - for: Reichertweb Home Page -with Tim and Max (my sons)
- [3] Special Mention for Research & Development under "Hardware Category" for Delhipad Product, Linux Users'Group Singapore, March 21, 2000 -with CWC Singapore)
- [4] CRAYQUEST 2000 Grand Champion (Industry), for "Web-Based Parallel Computations: Challenges and Opportunities of HPC in the Network-Centric Era" - with Nanyang Technical University, Singapore
- [5] 1992 - Borcher Award -Aachen University of Technology - for Ph.D thesis (with Excellence).