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Harald Widiger



Dr.-Ing. Harald Widiger

Forschungsgebiete - Dissertation

- Paketverarbeitende Systeme - Algorithmen und Architekturen für hohe Verarbeitungsgeschwindigkeiten

Projekte

- 4. Landesforschungsschwerpunkt IuK
- Internetworking Research Group (Kooperation mit Nokia Siemens Networks Greifswald)

Publikationen

Peter Danielis, Stephan Kubisch, Harald Widiger, Jens Rohrbeck, Vladyslav Altmann, Jan Skodzik, Dirk Timmermann, Thomas Bahls, Daniel Duchow: Trust-by-Wire in Packet-Switched IPv6 Networks: Tools and FPGA Prototype for the IPclip System

Harald Widiger, Andreas Tockhorn, Dirk Timmermann:

On the Impact of Caching for high Performance Packet Classifiers Folien IEEE Global Communications Conference (GlobeCOM 2008), pp. 1-5, ISBN: 978-1-4244-2324-8, New Orleans, USA, Dezember 2008

Harald Widiger, Stephan Kubisch, Peter Danielis, Jens Schulz, Dirk Timmermann, Thomas Bahls, Daniel Duchow: IPclip: An Architecture to restore Trust-by-Wire in Packet-switched Networks Folien 33rd Annual IEEE Conference on Local Computer Networks (LCN), pp. 312-319, ISBN: 978-1-4244-2413-9, Montreal, Kanada, Oktober 2008

Harald Widiger, Andy Strzeletz, Dirk Timmermann: Evaluation of Dynamic Bandwidth Allocation Algorithms for G-PON Systems using a reconfigurable Hardware Testbed IEEE Workshop on Local and Metropolitan Area Networks (LANMAN 2008), pp. 79-84, ISBN: 978-1-4244-2027-8, Cluj-Napoca, Rumänien, September 2008

Stephan Kubisch, Harald Widiger, Peter Danielis, Jens Schulz, Dirk Timmermann, Thomas Bahls, Daniel Duchow: Trust-by-Wire in Packet-switched IP Networks: Calling Line Identification Presentation for IP 1st ITU-T Kaleidoscope Conference: Innovations in Next Generation Networks - Future Network and Services, S. 375-382, ISBN: 92-61-12441-0, Genf, Schweiz, Mai 2008

Stephan Kubisch, Harald Widiger, Peter Danielis, Jens Schulz, Dirk Timmermann, Thomas Bahls, Daniel Duchow: Countering Phishing Threats with Trust-by-Wire in Packet-switched IP Networks - A Conceptual Framework Folien 22nd IEEE International Parallel and Distributed Processing Symposium (IPDPS), 4th International Workshop on Security in Systems and Networks (SSN 2008), S. 1-8, ISBN: 978-1-4244-1694-3, Miami, USA, April 2008

Peter Danielis, Stephan Kubisch, Harald Widiger, Jens Schulz, Daniel Duchow, Thomas Bahls, Dirk Timmermann: A Conceptual Framework for Increasing Physical Proximity in Unstructured Peer-To-Peer Networks (Student Paper & Poster) IEEE Samoff Symposium 2008, pp. 1-5, ISBN: 978-1-4244-1843-5, Princeton, USA, April 2008

Peter Danielis, Stephan Kubisch, Harald Widiger, Jens Schulz, Daniel Duchow, Thomas Bahls, Dirk Timmermann, Christian Lange: Trust-by-Wire in Packet-switched IP Networks: Calling Line Identification Presentation for IP (Hardware Prototype Demonstration) Design, Automation and Test in Europe Conference and Exhibition (DATE 2008), University Booth, München, Deutschland, März 2008

Stephan Kubisch, Harald Widiger, Peter Danielis, Jens Schulz, Dirk Timmermann, Thomas Bahls, Daniel Duchow: Complementing E-Mails with Distinct, Geographic Location Information in Packet-switched IP Networks Folien MIT 2008 Spam Conference, www.spamconference.com, pp. 1-25, Cambridge, USA, März 2008

Peter Danielis, Stephan Kubisch, Harald Widiger, Jens Schulz, Dirk Timmermann, Thomas Bahls, Daniel Duchow: IPclip - An Innovative Mechanism to Reestablish Trust-by-Wire in Packet-switched IP Networks Folien 3. Essener Workshop "Neue Herausforderungen in der Netzicherheit (Prospective Challenges in Network Security)", pp. 1-2, Essen, Deutschland, März 2008

Harald Widiger, Stephan Kubisch, Dirk Timmermann: A Structural Architecture for HW Packet Processing Folien 2007 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, pp. 363-366, ISBN: 1-4244-1190-4, Victoria, BC, Canada, August 2007

Stephan Kubisch, Harald Widiger, Dirk Timmermann, Daniel Duchow, Thomas Bahls: sMAAT - A Simplified MAC Address Translation Scheme Folien 15th IEEE Workshop on Local and Metropolitan Area Networks (LANMAN 2007), CD-ROM, ISBN: 1-4244-1100-9, Princeton, USA, Juni 2007

Stephan Kubisch, Harald Widiger, Claas Cornelius, Dirk Timmermann, Andy Strzeletz: E-Core - A Configurable IP Core for Application-specific NoC Performance Evaluation (Poster) Folien Design, Automation and Test in Europe Conference and Exhibition (DATE 2007), Workshop on Diagnostic Services in Network-on-Chips, pp. 149-151, Nizza, Frankreich, April 2007

Harald Widiger, Andreas Tockhorn, Ralf Salomon, Dirk Timmermann: Acceleration of the Evolution of Evolvable Hardware-based Packet Classifiers Folien In Proceedings of the IEEE SSCI 2007 - Workshop on Evolvable and Adaptive Hardware, pp. 27-34, ISBN: 1-4244-0698, Honolulu, USA, April 2007

Stephan Kubisch, Harald Widiger, Peter Danielis, Daniel Duchow, Thomas Bahls, Dirk Timmermann, Christian Lange, Oliver Röwer: Configuration Tool and FPGA-Prototype of a Hardware Packet Processing System Folien Design, Automation and Test in Europe Conference and Exhibition (DATE 2007), University Booth, Nizza, Frankreich, April 2007

Stephan Kubisch, Harald Widiger, Ronald Hecht, Dirk Timmermann, Martin Siemroth: Architektur einer Flexiblen, Wiederverwendbaren Testbench zur Verifikation Paketverarbeitender Hardware in SystemC Folien 10. GIITG/GMM Workshop "Methoden und Beschreibungssprachen zur Modellierung und Verifikation von Schaltungen und Systemen", S. 9-18, ISBN: 978-3-8322-5965-3, Erlangen, Deutschland, März 2007

Stephan Kubisch, Harald Widiger, Ronald Hecht, Dirk Timmermann: Network-on-Chip Communication Grids for High Performance Packet Processing (Poster) Folien Fifteenth ACM/SIGDA International Symposium on Field-Programmable Gate Arrays (FPGA 2007), S. 228, ISBN: 978-1-59593-600-4, Monterey, USA, Februar 2007

Harald Widiger, Stephan Kubisch, Dirk Timmermann, Thomas Bahls: An Integrated Hardware Solution for Mac Address Translation, MPLS, and Traffic Management in Access Networks Folien The 31st Annual IEEE Conference on Local Computer Networks (LCN), pp. 272-279, ISBN: 1-4244-0419-3, Tampa, FL, USA, November 2006

Daniel Duchow, Thomas Bahls, Dirk Timmermann, Harald Widiger, Stephan Kubisch: ACIP: An Access Control and Information Protocol for Ethernet-based Broadband Access Networks 12th International Telecommunications Network Strategy and Planning Symposium (Networks 2006) (on CD-ROM), ISBN: 978-3-8007-2999-9, New Delhi, Indien, November 2006

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Stephan Kubisch, Harald Widiger, Daniel Duchow, Thomas Bahls, Dirk Timmermann: Wirespeed MAC Address Translation and Traffic Management in Access Networks in Proceedings of World Telecommunications Congress (WTC 2006) on CD-ROM, Budapest, Ungarn, Mai 2006

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Harald Widiger, Ralf Salomon, Dirk Timmermann: Packet Classification with Evolvable Hardware Hash Functions Folien 2nd International Workshop, BioADIT 2006, S. 64-79, ISBN: 3-540-31253-6, Osaka, Japan, Januar 2006

Harald Widiger, Matthias Handy, Dirk Timmermann: Packet Classification with Evolvable Hardware Hash Functions Folien 8th EURO MICRO Conference on Digital System Design (DSD 2005), ISBN: 3-902457-09-0, Porto, Portugal, September 2005

Harald Widiger, Stephan Kubisch, Daniel Duchow, Ronald Hecht, Natalia Ossipowa, Dirk Timmermann, Djamsid Tavangarian: MWN - Ethernet-basierte & mobile drahtlose Zugangsarchitekturen 4. LFS IuK Workshop Rostock, Rostock, Deutschland, März 2005

Stephan Kubisch, Harald Widiger: Vortrag Gruppe MWN (wired) - Ziele und Arbeitsweise Folien 4. LFS IuK Workshop Putbus, Putbus, Deutschland, September 2004

Suchbegriff...

Mitarbeitersuche...

Kontakt

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