

Ryuji Wakikawa

KEIO University
Department of
Environmental Information.
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Kanagawa, 252-8520, Japan

Nationality: Japan
Birth: 1975 September 18
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<http://www.wakikawa.org/>
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last update: 2007 December 6

- EDUCATION
- ◇ **Keio University**, Shonan Fujisawa Campus, Japan
Ph.D. in Media and Governance, April 2004.
Dissertation: *Design of Architecture and Protocols for Universal Mobile Internet*
 - ◇ **Keio University**, Shonan Fujisawa Campus, Japan.
Master degree in Media and Governance, April 2001.
Master Thesis: *The Design and Implementation of Mobile IPv6 with Multiple Network Interface Support* (in Japanese)
 - ◇ **Keio University**, Shonan Fujisawa Campus, Japan.
Bachelor degree in Policy Management. April 1999
Bachelor Thesis: *MIBsocket: Integrated Control Mechanism for Network Entity in Mobile Network* (in Japanese)
- RESEARCH INTERESTS
- ◇ Mobile Computing, Internet Protocols, Ubiquitous Computing, IPv6, Mobile IPv6, Mobile Network (NEMO), Proxy Mobile IPv6, Ad-hoc Network (MANET), IP Multihoming, System operations, BSD operating systems.
- PERSONAL SKILLS
- ◇ **Program Language**
(Expert: C), (Fair: Perl, C++)
 - ◇ **Operating System**
BSD Unix (kernel/Applications), Linux, MAC OS-X, High ability of network programming
 - ◇ **Spoken Language**
Fluent Japanese and fair English
- AWARD
- ◇ The 10th Ericsson Young Scientist Award, Japan, October 2007
- WORK EXPERIENCE
- ◇ April 2005 - present, **Assistant Professor**, Keio University, Department of Environmental Information.
 - ◇ April 2007 - present, **Adjunct Assistant Professor**, Otsuma Women's University, Faculty of Human Relations, Faculty of Comparative Culture
 - ◇ 2005 - present, **Adjunct Assistant Professor**, Asian Institute of Technology
 - ◇ April 2003 - present, **Visiting Researcher**, Keio Research Institute at SFC Keio University
 - ◇ April 2005 - March 2007, **Area Director of WIDE project** for the Area 1 (Internet Area) including KAME, USAGI, NETNICE group
 - ◇ April 2003 - March 2004, **Research Associates**, Keio University, Graduate School of Media and Governance
 - ◇ November - December 2002, **Internship Trainee**, Nokia Research Center, Mt.View CA, USA <http://www.iprg.nokia.com/>
I researched and programmed global connectivity for ad-hoc network on Linux. I updated an internet-draft and submitted to IETF manet working group as draft-wakikawa-manet-global6.

- ◇ July - November 2001, **Internship Trainee**, Nokia Research Center Mt. View CA, USA.
<http://www.iprg.nokia.com/>
I researched and programmed global connectivity for ad-hoc network on Linux. I wrote an internet-draft and submitted to IETF manet working group as draft-wakikawa-manet-global6.
- ◇ February - July 2001 **Instructor**, Int. Technical School.
Teaching the Internet network layer, Network Configurations and Unix Server operations on Solaris. The servers were Apache, sendmail, qmail, snmp, samba, etc.
- ◇ July - October 2000, **Internship Trainee**, Fuji Xerox Palo Alto Laboratory, CA, USA.
<http://www.fxpal.xerox.com/>
I researched and programmed an user interface for mobile phones called roomote. I wrote a short paper titled "Roomotes ubiquitous room-based remote control over web phones" and presented it at ACM SIGCHI 2001.
- ◇ July - August 1999, **Internship Trainee**, Information Sharing Platform Laboratories. at NIPPON TELEGRAPH AND TELEPHONE CORPORATION, Japan
I designed IP address autoconfiguration for ad-hoc network.
- ◇ June 1997, **ITM member**, Networkworld + Interop Tokyo.

EDUCATIONAL 2007

ACTIVITY

- ・ 2007年 春学期 担当科目 (慶應)
ネットワークアーキテクチャ, 研究プロジェクト A, 卒業製作, プロジェクト (モバイル広域ネットワーク)
- ・ 2007年 春学期 担当科目 (大妻)
コンピュータ基礎
- ・ 2007年 秋学期 担当科目 (慶應)
コンピュータ基礎とプログラミング (A), インターネット進化と可能性, 研究プロジェクト A, 卒業製作, プロジェクト (モバイル広域ネットワーク)
- ◇ 2006
 - ・ 2006年 春学期 担当科目 (慶應)
情報技術基礎, 研究プロジェクト B(1), 研究プロジェクト B(2), 卒業製作, プロジェクト (モバイル広域ネットワーク)
 - ・ 2006年 秋学期 担当科目 (慶應)
情報技術ワークショップ, ネットワークアーキテクチャ, インターネット進化と可能性, 研究プロジェクト B(1), 研究プロジェクト B(2), 卒業製作, プロジェクト (モバイル広域ネットワーク)
- ◇ 2005
 - ・ 2005年 春学期 担当科目 (慶應)
情報技術基礎, 研究プロジェクト B(1), 研究プロジェクト B(2), 卒業製作, プロジェクト (モバイル広域ネットワーク)
 - ・ 2005年 秋学期 担当科目 (慶應)
情報技術ワークショップ, ネットワークアーキテクチャ, 研究プロジェクト B(1), 研究プロジェクト B(2), 卒業製作, プロジェクト (モバイル広域ネットワーク)

RESEARCH EXPERIENCE

- ◇ I have several publications and presentations in Japanese which are not listed in this CV. Full CV including Japanese publication are available at http://www.wakikawa.net/ryuji_files/ryuji-2007.pdf
- ◇ 2000 - present, **IETF meetings Participation**
I've participated in IETF since 49th meeting. I have contributed to MIP6, NEMO, Monami6, MEXT, AUTOCONF, MANET working groups and published several RFCs and internet drafts.

- ◇ A member of WiMAX forum from February to August 2006, under the Intel Corp. observer agreement.
- ◇ Mobility Protocols Implementations
 - I have been implemented several mobility protocols on BSD based operating systems.
 - 2004 - present, **Programmer** for Mobile IPv6 SHISA stack
 - I participate in KAME project and implement Mobile IPv6 and the NEMO basic support protocol for BSD Unix (NetBSD, MAC OS X, tiger, is partially supported).
 - 2000 - 2004, **Main Contributor and Programmer** for Mobile IPv6 SFCMIP stack
 - I designed and developed Mobile IPv6 and the NEMO Basic Support protocol for BSD Unix. The Mobile IPv6 implementation was first merged into KAME IPv6 stack at 2001. SFCMIP is widely distributed on the public and tested on WIDE project Internet CAR working group. SFCMIP had two different implementations such as a kernel based implementation and an application based implementation.
 - 2000-2001 **Programmer** for manet routing protocol
 - Designed and developed a manet routing protocol called AODVv6 and global connectivity.
- ◇ Mobility Protocols Interoperability and Conformance Test
 - 2001 - 2005, **Connectathon Participation**, an interoperability test event, CA, USA.
<http://www.connectathon.org/>
 - I participate Connectathon for interoperability and conformance of Mobile IPv6 and the NEMO basic Support protocol implementation (SFCMIP and SHISA) every year from 2001 to 2005. I had a presentation titled “The Mobility Research on the InternetCAR project” in 2003 and “The Mobile IPv6 Implementation on the InternetCAR project” in 2001. Presentation slides can be found at the Home Page <http://www.connectathon.org>.
 - October 2003, **ETSI Plugin Test Participation**, an interoperability test event, Brussels, Belgium
 - Tested interoperability and conformance of own Mobile IPv6 implementation (SFCMIP).
- ◇ Demonstrations and Experimentation
 - I have conducted several demonstrations and experimentation with University and industries. I listed only major and recent events.
 - 19th - 24th October 2004, Demonstration at the ITS World Congress 2004, Nagoya Japan. We have demonstrated network mobility protocol using Ev-Do and WiFi with 1 bus and 4 vehicles. This demonstration was conducted with KDDI Corporation, KDDI R&D Laboratories, Kyocera Corporation, Toyota ITC, Omnisci Software Inc. The work was published as “Experimentation of Networked Vehicle with Multihomed Mobile Router” at The IEEE 62nd Semiannual Vehicular Technology Conference, Dallas TX USA, September 25-28 2005. (see publication page)
 - October 2006, Demonstration at Open Research Forum, Tokyo Japan. We have demonstrated manet routing protocols and network mobility convergence on Segways. The work was published as “A Networked Human Transporter as an Experimental Testbed of Mobile Gateway” at 1st IEEE Workshop on Automotive Networking and Applications (AutoNet 2006), December 2006. (see publication page)
 - 2006 - 2007, Experimentation of iburst with Kyocera.
 - August - 2007, Experimentation of WiMAX (802.16e) with e-access Ltd.
 - September - 2007, Experimentation of HSDPA with EMOBILE Ltd.
- PROGRAM ◇ ACM MobiArch 2008, The 3rd ACM International Workshop on Mobility in the Evolving
COMMITTEES Internet Architecture, August 22, 2008, Seattle, WA, USA
 - ◇ V2VCOM2008, 4th IEEE Workshop on Vehicle-to-Vehicle Communications, June 3, 2008 Eindhoven, the Netherlands

- ◇ IPMMA 2008, 2008 Workshop on IP Mobility Management and Architecture, May 19/23, 2008, Beijing, China
 - ◇ VTC2008-Spring, The IEEE 67th Vehicular Technology Conference, May 11-14, 2008, Marina Bay, Singapore
 - ◇ WEDEV 2008, 1st Workshop on Experimental Evaluation and Deployment Experiences on Vehicular networks, March 18, 2008, Hotel Grauer Baer, Innsbruck, Austria
 - ◇ First Ambient Networks Workshop on Mobility, Multiaccess, and Network Management (M2NM 2007), October 2007
 - ◇ ACM CoNEXT 2007, December 2007
 - ◇ ASIAN INTERNET ENGINEERING CONFERENCE (AINTEC), November 2007.
 - ◇ The Fourth IEEE International Conference on Mobile Ad-hoc and Sensor Systems (MASS 2007), Pisa, Italy, October 2007
 - ◇ The Second International Workshop on Vehicle-to-Vehicle Communications Workshop, July 2007.
 - ◇ The 1st IEEE Workshop on Automotive Networking and Applications (AutoNet 2006), November 2006.
 - ◇ The ASIAN INTERNET ENGINEERING CONFERENCE (AINTEC), November 2006.
 - ◇ The Second International Workshop on Vehicle-to-Vehicle Communications Workshop, July 2006.
 - ◇ IEICE Transaction on Information and Systems Special Section on Challenges in Ad-hoc and Multi-hop Wireless Communications, May 2006.
 - ◇ The ASIAN INTERNET ENGINEERING CONFERENCE (AINTEC), December 2005.
 - ◇ The First International Workshop on Vehicle-to-Vehicle Communications Workshop, July 2005.
 - ◇ The 2nd ACM International Workshop on Performance Evaluation of Wireless Ad Hoc Sensor, and Ubiquitous Networks (PE-WASUN 2005), October 2005.
 - ◇ The 1st ACM CoNEXT, October 2005.
 - ◇ The IEEE 62nd Semiannual Vehicular Technology Conference (VTC), September 2005.
- CHAIRS AND EDITORS
- ◇ Publicity Co-Chairs for Mobicom 2008, the 14th Annual International Conference on Mobile Computing and Networking, San Francisco, USA, 2008
 - ◇ Publicity Co-Chairs for the 2008 International Workshop on Mobile IPv6 and Network-based Localized Mobility Management (MobiWorld 2008), September 10-12, 2008, Taiwan
 - ◇ Program Co-chairs for The 2nd ACM International Workshop on Mobility in the Evolving Internet Architecture, MobiArch 2007, August 2007
 - ◇ Local Arrangement Chair for ACM SIGCOMM August 2007.
 - ◇ Co-chairs for The Second International Workshop on Network Mobility (WONEMO), January 2007.
 - ◇ Associate Editor of IEICE Transaction on Communications, Internet Technology VI. 2006.
 - ◇ Co-chairs for The First International Workshop on Network Mobility (WONEMO), January 2006.
 - ◇ Associate Editor of IEICE Transaction on Communications, Internet Technology V. 2005.
- PUBLIC PRESENTATIONS, ETC.
- ◇ Internet Week 2007, 「The Internet Operations (後編) ~ 次世代ルーティング ~ 」(講演)、秋葉原 東京, November 2007
 - ◇ IEICE ソサイエティー大会「BT-3 ブロードバンド無線アクセス、メッシュネットワークの技術と標準化動向」(企画講演), 講演「IETFにおけるIP mobility技術の標準化動向について」鳥取大学, September 2007

- ◇ センシング技術応用研究会：「動き出すユビキタスセンサネットワーク」, 講演「アドホックネットワークの経路制御と標準化動向」, 大阪 日本, November 2005
- ◇ 第二回アドホックネットワーク・ワークショップ, 一般講演「アドホックネットワーク周辺技術動向」, 武蔵工業大学 世田谷キャンパス 日本, October 2005
- ◇ 電気四学会関西支部講演会: ユビキタスネットワーク技術の最新情報, 講演「インターネットとアドホックワーク」, 大阪 日本, July 2005
- ◇ Interop Tokyo Conference, C02 「Mobile IP 関連技術とモバイルリアリティー」, chair 砂原秀樹, speakers 島 慶一, 湧川 隆次, 石山 政弘, 幕張 日本, June 2005
- ◇ 湧川隆次, “アドホックネットワークにおけるインターネット接続の課題と今後”, 第2回アドホックネットワーク・ワークショップ, 新潟 日本, March 2005
- ◇ 第一回アドホックネットワーク・ワークショップ, 特別講演「Research and Deployment of IPv6 MANET」, 武蔵工業大学 世田谷キャンパス 日本, January 2005
- ◇ Tutorial at Mobihoc2004, T5 “MANET 概要 経路制御からハードウェアまで”, Tokyo Japan, Mar. 2004.

RESEARCH
PROJECTS
PARTICIPATION

- ◇ Open Wireless Broadband Laboratory in Keio (2007 – present)
- ◇ CNRS-WIDE collaboration (2006 – present)
sponsored by Japan Science and Technology Agency (JST)
- ◇ All IP architecture project for supercomputer (2005 – present)
sponsored by Japan Science and Technology Agency (JST)
- ◇ WIDE project (– present) <http://www.wide.ad.jp/>
- ◇ Internet ITS consortium (– present)
<http://www.internetits.org>
- ◇ Japan Ad-hoc network consortium (2004 – present)
- ◇ Micro Kernel Next Generation (MKng) project (1996 – 1997)
<http://www.mkg.sfc.keio.ac.jp/>
- ◇ Reliable, Real-time, Reconfigurable (R3) project (1998)
<http://www.mkg.sfc.keio.ac.jp/>
- ◇ Real-time Audio and Video Intelligent Operation (RAVIO) project (1998)
<http://www.ht.sfc.keio.ac.jp/COE98-RAVIO/>
- ◇ Real-time Human device Interaction (RT-HDI) project
<http://www.mkg.sfc.keio.ac.jp/>

- JOURNAL
- ◇ Keiichi Shima and Koshiro Mitsuya and Tsuyoshi Momose and Shuichi Karino and Ryuji Wakikawa and Kazushi Sugyou and Keisuke Uehara, “Designing and Implementing IPv6 Mobility stack on BSD Operating Systems”, Computer Software – Japan Society for Software Science and Technology (JSSST) Journal, Vol.24, No.4, October 2007
 - ◇ Masafumi WATARI, Thierry ERNST, Ryuji WAKIKAWA, Jun MURAI, “Routing Optimization for Nested Mobile Networks”, Special Section on Mobile Multimedia Communications, IEICE TRANSACTIONS on Communications, Vol.E89-B, No.10, pp.2786-2793. 2006
 - ◇ Ryuji Wakikawa, Carl Williams, Keisuke Uehara, Jun Murai, “IPv4 Traversal for the NEMO Basic Support Protocol by IPv4 Care-of Address Registration”, IEICE Transactions on Communications, Special Issue on Internet Technology V, 2004 Paper.
 - ◇ Ryuji Wakikawa, Susumu Koshiha, Thierry Ernst, Julien Charbon, Keisuke Uehara, Jun Murai, “Enhanced Mobile Network Protocol for its Robustness and Policy Based Routing”, IEICE Transactions on Communications, Special Issue on Internet Technology IV Vol.E87-B No.3, pp.445-452, March 2004
 - ◇ Ryuji Wakikawa, Koshiro Mitsuya, Keisuke Uehara, Ernst Thierry, Jun Murai, “Basic Network Mobility Support for Internet ITS”, IPSJ Journal, Special Issue on Mobile Systems and Intelligent Transport Systems (ITS) under Ubiquitous Environment Vol.44, No.12, pp.2925-2395, December 2003
 - ◇ Charles E. Perkins, Ryuji Wakikawa, Antti J. Tuominen, Anders Nilsson, Jari T. Malinen, “Internet connectivity for mobile ad hoc networks”, Journal of Wireless Communications and Mobile Computing, A Special Issue on “Mobile Ad Hoc Networking, John Wiley & Sons, Inc., Vol.2, No.5, pp465-482, September 2002
 - ◇ Ryuji Wakikawa, Keisuke Uehara, Fumio Teraoka, Jun Murai, “MIBsocket: Integrated Control Mechanism for Network Entity in Mobile Network”, IEICE Transactions on Communications, Special Issue on Internet Technology, Vol.E84-B, No.8, pp.2001-2010, August 2001
- MAGAZINE
- ◇ 村井 純, 湧川 隆次, 重近 範行 “インターネットの進化と可能性”, 電気情報通信学会誌, Vol. 90, No. 5, pp. 357-362., May, 2007
 - ◇ 島 慶一, 湧川 隆次 “WIDE プロジェクトにおける IPv6 モビリティ技術の研究開発”, 情報処理学会会誌 Vol. 46, No. 8, pp.879-886. August, 2005
 - ◇ Anders Nilsson, Charles E. Perkins, Antti J. Tuominen, Ryuji Wakikawa, Jari T. Malinen, “AODV and IPv6 internet access for ad hoc networks”, ACM SIGMOBILE Mobile Computing and Communications Review, Vol. 6, Issue. 3, pp.102-103, July, 2002
 - ◇ 和泉順子, 湧川隆次, 川喜田祐介, 秋山由和, “インターネット ITS プロジェクトの概要”, 情報処理学会会誌, Vol. 43, No. 4, April 2002
 - ◇ 植原啓介, 湧川 隆次, 佐藤 雅明, 渡辺 恭人, 砂原 秀樹, 寺岡 文男, 村井 純, “自動車情報化のためのインターネットを用いた通信システムの構築”, 情報処理学会会誌 Vol.42 No.2, pp.286–pp.296,February 2001
- BOOKS AND ARTICLE
- ◇ I published two books written in Japanese (ISBN 4-274-20311-5 and 4844320793).
 - ◇ One of book, “Unwired”, is extended and translated version of “Brave New Unwired World”, ISBN-13 978-0471441106, Alex Lightman and William Rojas. I wrote this “Unwired” with Prof. Jun Murai.
 - ◇ Another book is “Handbook of Antenna and Wireless”. I wrote the section 7 “Adhoc Network”.
 - ◇ 湧川隆次, 「アンテナ・無線ハンドブック」 IX 編 7 章アドホックネットワーク, オーム社, ISBN: 4-274-20311-5, October 2006.
 - ◇ Alex Lightman, 村井純, 湧川隆次, 「アンワイアード - 果てしなきインターネットの未来 - 4G へのシナリオ」, インプレスネットビジネスカンパニー, ISBN: 4844320793, March 2005

- INT'L
CONFERENCE
- ◇ Guillaume Valadon, Ryuji wakikawa, Jun Murai., "Extending Home Agent Migration To Mobile IPv6 based Protocols", ASIAN INTERNET ENGINEERING CONFERENCE (AINTEC), Phuket, Thailand, 27-29 November 2007
 - ◇ Koshiro Mitsuya, Romain Kuntz, Shinta Sugimoto, Ryuji Wakikawa, Jun Murai. "A Policy Management Framework for Flow Distribution on Multihomed End Nodes". In the proceedings of The 2nd ACM International Workshop on Mobility in the Evolving Internet Architecture (MobiArch), Kyoto, Japan, August 2007.
 - ◇ Koshiro Mitsuya, Ryuji Wakikawa, Jun Murai. "Implementation and Evaluation of the Dual Stack Mobile IPv6". In the proceedings of Asia BSD Conference (AsiaBSDCon), Tokyo, Japan, March 2007.
 - ◇ Keiichi Shima, Koshiro Mitsuya, Ryuji Wakikawa, Tsuyoshi Momose, Keisuke Uehara. "SHISA: The Mobile IPv6/NEMO BS Stack Implementation Current Status". In the proceedings of Asia BSD Conference (AsiaBSDCon), Tokyo, Japan, March 2007.
 - ◇ Ryuji wakikawa, Guillaume Valadon, Jun Murai., "Migrating Home Agents towards Internet-Scale Mobility Deployments", ACM 2nd CoNEXT Conference on Future Networking Technologies, Lisbon, Portugal. 4-7 December 2006
 - ◇ Ryuji Wakikawa, Kouji Okada, Noriyuki Shigechika, Tomohiro Ishihara, Yuki Oyabu, Yuri Nagai, Jun Murai, "A Networked Human Transporter as an Experimental Testbed of Mobile Gateway", 1st IEEE Workshop on Automotive Networking and Applications (AutoNet 2006), December 2006
 - ◇ Kouji Okada, Ryuji Wakikawa, Jun Murai, "MANET and NEMO Converged Communication", ASIAN INTERNET ENGINEERING CONFERENCE (AINTEC), Bangkok, Thailand, 28-30 November 2006
 - ◇ Kouji Okada, Ryuji Wakikawa, Jun Murai., "IPv6 OLSR Implementation on Zebra Platform", 3rd OLSR Interop and Workshop 2006, Tokyo Japan, 02 October 2006
 - ◇ Ryuji Wakikawa, Yoshifumi Nishida, Jun Murai, "The Use of SCTP Failover Mechanism for Efficient Network Handover on Mobile IPv6", The International Symposium on Wireless Communication Systems (ISWCS) 2006, Valencia Spain, 5-8 September 2006
 - ◇ Keiichi Shima, Ryuji wakikawa, Koshiro Mitsuya, Keisuke Uehara, Tsuyoshi Momose. "SHISA: The IPv6 Mobility Framework for BSD Operating Systems", IPv6 Today Technology and Deployment Workshop (IPv6TD'06), Bucharest, Romania, August 2006.
 - ◇ Romain Kuntz, Koshiro Mitsuya, Ryuji Wakikawa, "Performance Evaluation of NEMO Basic Support Implementations", The First International Workshop on Network Mobility (WONEMO), Sendai, Japan, January 19th 2006.
 - ◇ Yuki Oyabu, Ryuji wakikawa, Jun Murai. "An Adaptive Application Flooding For Data Dissemination in Ad-hoc Network", ASIAN INTERNET ENGINEERING CONFERENCE (AINTEC), Bangkok, Thailand, December 2005.
 - ◇ Manabu Tsukada, Thierry Ernst, Ryuji wakikawa, Koshiro Mitsuya. "Dynamic Management of Multiple Mobile Routers in Network Mobility", IEEE Malaysia International Conference on Communications and IEEE International Conference on Networks (MICC & ICON 2005), Kuala Lumpur, Malaysia, November 2005.
 - ◇ Ryuji Wakikawa, Tomoyoshi Yokota, Kazuyuki Tasaka, Hiroki Horiuchi, Keisuke Uehara, Jun Murai, "Experimentation of Networked Vehicle with Multihomed Mobile Router", The IEEE 62nd Semiannual Vehicular Technology Conference, Dallas TX USA, September 25-28 2005
 - ◇ Masafumi Watari, Ryuji Wakikawa, Thierry Ernst, Jun Murai, "ONEMO: Optimal Path Establishment for Nested Mobile Networks", The IEEE 62nd Semiannual Vehicular Technology Conference, Dallas TX USA, September 25-28 2005

- ◇ Ryuji Wakikawa, Kouji Okada, Rajeev Koodli, Anders Nilsson, Jun Murai, “Design of Vehicle Network: Mobile Gateway for MANET and NEMO Converged Communication”, The Second ACM International Workshop on Vehicular Ad Hoc Networks (VANET 2005), Poster, Cologne, Germany, September 2, 2005
 - ◇ Guillaume Valadon, Ryuji Wakikawa, Hiroshi Esaki, “Emulating small scale MANET topologies”, 2nd OLSR Interop and Workshop 2005, Paris France, July 28-29 2005
 - ◇ Ryuji Wakikawa, Meghana Sahasrabudhe, “Gateway Management for Vehicle to Vehicle Communication”, The First International Workshop on Vehicle-to-Vehicle Communications Workshop, San Diego CA USA, July 21 2005
 - ◇ Ryuji Wakikawa, Hiroki Matsutani, Rajeev Koodli, Anders Nilsson, Jun Murai, “Mobile Gateways for Mobile Ad-hoc Networks with Network Mobility Support”, The 4th International Conference on Networking ICN’05, Reunion Island, April 17-21 2005
 - ◇ Thomas Heide Clausen, Emmanuel Baccelli, Ryuji Wakikawa, “Route Optimization in Nested Mobile Networks (NEMO) using OLSR”, The IASTED International Conference on “Networks and Communication Systems” (NCS 2005), April 2005.
 - ◇ Ryuji Wakikawa, Yasuhiro Ohara, Jun Murai, “Virtual Mobility Control Domain for Enhancements of Mobility Protocols”, The 8th IEEE Global Internet Symposium 2005, Miami FL, USA, March 17-18 2005
 - ◇ Ryuji Wakikawa, Antti J. Tuominen, “OLSR for IPv6 (OLSR6)”, OLSR Interop and Workshop 2004, San Diego CA USA, August 6-7 2004
 - ◇ Kouji Okada, Ryuji Wakikawa, Keisuke Uehara, Jun Murai, “OLSR for InternetCar System”, OLSR Interop and Workshop 2004, San Diego CA USA, August 6-7 2004
 - ◇ Hiroki Matsutani, Ryuji Wakikawa, Koshiro Mitsuya, Jun Murai, “Performance Oriented Management System for Reconfigurable Network Appliances”, First International Workshop on Networked Sensing Systems (INSS 2004), Tokyo Japan, June 22-23 2004
 - ◇ Ryuji Wakikawa, Hiroki Matsutani, Rajeev Koodli, Anders Nilsson, Jun Murai, “Mobile Gateway: Integration of MANET and NEMO”, ACM Mobihoc 2004 Poster Session, Roppongi Japan, May 2004
 - ◇ Ryuji Wakikawa, Susumu Koshiba, Keisuke Uehara, Jun Murai, “ORC: Optimized Route Cache Management Protocol for Network Mobility”, 10th International Conference on Telecommunication (ICT) 2003, Tahiti Papeete, French Polynesia, February 2003
 - ◇ Ryuji Wakikawa, Susumu Koshiba, Keisuke Uehara, Jun Murai, “Multiple Network Interfaces Support by Policy-Based Routing on Mobile IPv6”, 2002 International Conference on Wireless Networks (ICWN), Las Vegas NV USA, July 2002
 - ◇ Ryuji Wakikawa, Jona-than Trevor, Bill Schilit, John Boreczky, “Roomotes ubiquitous room-based remote control over web phones”, Proc. of the ACM Conference on Human Factors and Computing Systems 2001, Seattle USA, February 2001
- JAPANESE CONFERENCE WORKSHOP MEETING
- ◇ 桐山 沢子, 岡田 耕司, 湧川 隆次, 寺岡 文男, 中村 修, “Performance Evaluation of a Mobile WiMAX testbed with IPv6 and NEMO technologies”, IPSJ MBL 第 43 回研究発表会, November 2007
 - ◇ 湧川 隆次, 村井 純, “Proxy Mobile IPv6 及び周辺技術の概要、及びその IETF 標準化動向について”, IPSJ MBL 第 43 回研究発表会, November 2007
 - ◇ Shinta Sugimoto, Ryoji Kato, Toshikane Oda, Ryuji Wakikawa, Keisuke Uehara, Jun Murai, “Software Architecture of a Dynamically Configurable IP Layer”, IPSJ MBL 第 43 回研究発表会, November 2007
 - ◇ 重近 範行, 大藪 勇輝, 永井 ゆり, 湧川 隆次, “隣接同報通信の実現に向けた通信手法の検討、及びアプリケーション群の実装評価”, インターネットコンファレンス 2004 論文集, 日本, October 2007

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