

List of Published Presentation Papers (Sep. 2011— Feb. 2012)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2011/09/01	Performance Evaluation of Wireless Communications for Capsule Endoscopy	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E94-B No.9 pp.2488-2491	TAKIZAWA Ken-ichi AOYAGI Takahiro HAMAGUCHI Kiyoshi	
2011/09/01	Numerical Simulations for Wearable BAN Propagation Channel during Various Human Movements	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E94-B No.9 pp.2496-2500	AOYAGI Takahiro Kim Minseok* TAKADA Jun-ichi* HAMAGUCHI Kiyoshi KOHNO Ryuji	
2011/09/01	Optimization of microscope unit for studying fluorescence emitters under high-vacuum and ambient gas conditions	Physics Procedia	Vol.14 pp.7-11	YAMADA Toshiaki OTOMO Akira	
2011/09/05	The H ₂ O-O ₂ water vapour complex in the Earth's atmosphere	Atmospheric Chemistry and Physics	Vol.11 No.16 pp.8607-8612	KASAI Yasuko Dupuy Eric SAITO R.* HASHIMOTO K.* SABU A.* KONDOH S.* SUMIYOSHI Y.* ENDO H. Y.*	
2011/09/06	Rectangular QPSK for generation of optical eight-ary phase-shift keying	Optics Express	Vol.19 No.19 pp.18497-18485	Guo-Wei Lu SAKAMOTO Takahide KAWANISHI Tetsuya	
2011/09/10	Twist and Connectivity of Magnetic Field Lines in the Solar Active Region NOAA 10930	The Astrophysical Journal	Vol.738 No.161 pp.1-6	INOUE Satoshi KUSANO K.* MAGARA T.* SHIOTA D.* YAMAMOTO T.*	
2011/09/12	Superconducting single photon detectors integrated with single flux quantum readout circuits in a cryocooler	Applied Physics Letters	Vol.99 No.11 pp.111108-1-111108-3	MIKI Shigehito TERAI Hirotaka YAMASHITA Taro MAKISE Kazumasa FUJIWARA Mikio SASAKI Masahide Zhen Wang	
2011/09/13	Dopamine neurons learn to encode the long-term value of multiple future rewards	Proceedings of National Academy of Science USA	Vol.108 No.37 pp.15462-15467	ENOMOTO Kazuki* MATSUMOTO Naoyuki* NAKAI Sadamu* SATO Takemasa* SATO Tatsuo K.* UEDA Yasumasa* INOKAWA Hitoshi* HARUNO Masahiko KIMURA Minoru*	
2011/09/15	On the power of decoy injection which threatens public malware sandbox analysis systems	Information Processing Society of Japan	Vol.52 No.9 pp.2761-2774	KASAMA Takahiro ORII Tatsunori* YOSHIOKA Katsunari* MATSUMOTO Tsutomu*	
2011/09/22	Validation of Emission Measurement Site above 1 GHz	Radio Science in American Geophysical Union	Vol.46 No.RS0F11 pp.1-11	TOSAKA Toshihide YAMANAKA Yukio	
2011/09/22	Afterpulse-like phenomenon of superconducting single photon detector in high speed quantum key distribution system	Optics Express	Vol.19 No.20 pp.19562-19571	FUJIWARA Mikio TANAKA A.* TAKAHASHI S.* YOSHINO K.* NAMBU Y.* TAJIMA A.* MIKI Shigehito YAMASHITA Taro Wang Zhen TOMITA A.* SASAKI Masahide	
2011/09/27	Ionospheric disturbances detected by GPS total electron content observation after the 2011 off the Pacific coast of Tohoku earthquake	Earth, Planets and Space	Vol.63 pp.875-879	TSUGAWA Takuya SAITOH A.* OTSUKA Y.* NISHIOKA M.* MARUYAMA Takashi KATOH Hisao NAGATSUMA Tsutomu MURATA Takeshi	
2011/10/01	Minimum Classification Error Training Using Geometric-Margin-Based Misclassification Measure	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS (Japanese version)	Vol.J94-D No.10 pp.1664-1675	WATANABE Hideyuki KATAGIRI Shigeru* YAMADA Kouta* Erik MCDERMOTT* NAKAMURA Atsushi* WATANABE Shinji* OHSAKI Miho*	
2011/10/01	Evaluation of viewability to high definition images	The Institute of Image Information and Television Engineers	Vol.65 No.10 pp.1432-1439	SUZUKI Noriko YANO Sumio*	

List of Published Presentation Papers (Sep. 2011— Feb. 2012)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2011/10/01	Inner nuclear membrane protein Ima1 is dispensable for intranuclear positioning of centromeres.	Genes to Cells	Vol.16 No.10 pp.1000-1011	HIRAOKA Yasushi MAEKAWA Hiromi ASAKAWA Haruhiko* CHIKASHIGE Yuji KOJIDANI Tomoko OSAKADA Hiroko MATSUDA Atsushi HARAGUCHI Tokuko	
2011/10/01	A Bayesian Model of Transliteration and Its Human Evaluation When Integrated into a Machine Translation System	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E94-D No.10 pp.1889-1900	Finch Andrew YASUDA Keiji OKUMA Hideo SUMITA Eiichiro NAKAMURA Satoshi	
2011/10/10	Variable generation of optical BPSK code labels using LiNbO ₃ modulators	IEICE Electronics Express	Vol.8 No.19 pp.1614-1620	MIENO Mitsuko WATANABE Hiroki SHINADA Satoshi WADA Naoya NAKAJIMA Hirochika	
2011/10/13	The Level 2 research product algorithms for the Superconducting Submillimeter-Wave Limb-Emission Sounder (SMILES)	Atmospheric Measurement Techniques	Vol.4 pp.2105-2124	Baron Philippe J. Urban* SAGAWA Hideo J. Moller* D. P. Murtagh* J. Mendrok* Dupuy Eric SATOH Tomohiro OCHIAI Satoshi SUZUKI Koudai Manabe T.* Nishibori T.* KIKUCHI Ken-ich Sato R.* Takayanagi M.* MURAYAMA Yasuhiro Shiotani M.* KASAI Yasuko	
2011/10/17	Origin of intrinsic dark count in superconducting nanowire single-photon detectors	Applied Physics Letters	Vol.99 No.16 pp.161105_1-161105_3	YAMASHITA Taro MIKI Shigehito MAKISE Kazumasa Qiu Wei TERAI Hirotaka FUJIWARA Mikio SASAKI Masahide Wang Zhen	
2011/10/20	Effect of Gate-Recess Structure on Electron Transport in InP-Based High Electron Mobility Transistors Studied by Monte Carlo Simulations	Japanese Journal of Applied Physics	Vol.50 No.10 pp.104302-1-104302-5	ENDOH Akira WATANABE Issei MIMURA Takashi MATSUI Toshiaki	
2011/10/25	Parallel Mach-Zehnder modulators for quadrature amplitude modulation	IEICE Electronics Express	Vol.8 No.20 pp.1678-1688	KAWANISHI Tetsuya	
2011/10/31	Situated Spoken Dialogue with Robots Using Active Learning	Advanced Robotics	Vol.25 No.17 pp.2207-2232	SUGIURA Komei IWAHASHI Naoto KAWAI Hisashi NAKAMURA Satoshi	
2011/10/31	Improving Human Plateaued Motor Skill with Somatic Stimulation	PLoS ONE	Vol.6 No.10 pp.1-8	UEHARA Shintaro NAMBU Isao TOMATSU Saeka* Jongho LEE* KAKEI Shinji* NAITO Eiichi	
2011/11/01	Development of an Ultra-narrow line-width clock laser for optical frequency standards	The review of Laser engineering	Vol.39 No.11 pp.847-853	Ying Li NAGANO Shigeo MATSUBARA Kensuke KOJIMA Reiko ITO Hiroyuki HANADO Yuko HOSOKAWA Mizuhiko	
2011/11/01	A Novel Malware Clustering Method Using Frequency of Function Call Traces in Parallel Threads	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E94-D No.11 pp.2150-2158	NAKAZATO Junji Song Jungsuk ETO Masashi INOUE Daisuke NAKAO Koji	
2011/11/01	The current state and the future plans of the satellite laser communications	IEICE TRANSACTIONS ON COMMUNICATIONS (Japanese version)	Vol.J94-B No.11 pp.1443-1451	TAKAYAMA Yoshihisa TOYOSHIMA Morio TAKENAKA Hideki KADOWAKI Naoto	
2011/11/01	A Stochastic Modeling of Morphology Formation by Optical Near-Field Processes	Applied Physics B	Vol.105 No.2 pp.185-190	NARUSE Makoto KAWAZOE Tadashi* YATSUI Takashi* TATE Naoya* OHTSU Motoichi*	
2011/11/01	A rush hour towards sexual reproduction: The chromosome dynamics during meiosis	Chinese Science Bulletin	Vol.56 No.33 pp.3500-3503	DING DaQiao	
2011/11/01	1/f noise in NbN/AlN/NbN Josephson junction with a low critical current density	PHYSICA C	Vol.471 No.21-22 pp.1196-1198	Qiu Wei MAKISE Kazumasa TERAI Hirotaka Wang Zhen	
2011/11/01	freeDiameter: An Open Source Framework for an Authentication, Authorization, and Accounting Infrastructure.	Japan Society for Software Science and Technology	Vol.28 No.4 pp.114-125	Decugis Sebastien, TERAOKA Fumio*	

List of Published Presentation Papers (Sep. 2011— Feb. 2012)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2011/11/18	Development of optical packet and circuit integrated ring network testbed	Optics Express	Vol.19 No.26 pp.B242–B250	FURUKAWA Hideaki HARAI Hiroaki MIYAZAWA Takaya SHINADA Satoshi KAWASAKI Wataru* WADA Naoya	
2011/11/21	ID/Locator Split-based Mobility Scheme for Heterogeneous New Generation Network	Wireless Personal Communications, Springer Journal	Vol.61 No.4 pp.753–764	Ved Prasad Kafle INOUE Masugi	
2011/11/21	Huge capacity optical packet switching and buffering	Optics Express	Vol.19 No.26 pp.B406–B414	SHINADA Satoshi FURUKAWA Hideaki WADA Naoya	
2011/12/01	Autonomy in excitation transfer via optical near-field interactions and its implications for information networking	Nano Communication Networks	Vol.2 No.4 pp.189–195	NARUSE Makoto Peper Ferdinand NOMURA Wataru* KAWAZOE Tadashi* MURATA Masayuki* OHTSU Motoichi*	Leibnitz Kenji TATE Naoya*
2011/12/01	Language comprehension dependent on emotional context: A magnetoencephalography study	Neuroscience Research	Vol.72 pp.50–58	IHARA Aya MATANI Ayumu YAGURA Haruko NOGAI Takeshi UMEHARA Hiroaki MURATA Tsutomu	Qiang Wei FUJIMAKI Norio
2011/12/01	Live Electrooptic Imaging Camera for Real-Time Visual Accesses to Electric Waves in GHz range	Journal of the Korean Institute of Electromagnetic Engineering and Science	Vol.11 No.4 pp.290–297	TSUCHIYA Masahiro SHIOZAWA Takahiro*	
2011/12/01	Simplified Homography Matrix for a Large-Scale Camera Array System	APPLIED OPTICS	Vol.50 No.34 pp.H203–H210	YAMAMOTO Kenji ICHIHASHI Yasuyuki SENOH Takanori KURITA Taiichiro	Oi Ryutarō
2011/12/01	Efficient homodyne measurement of picosecond squeezed pulses with pulse shaping technique	Optics Letters	Vol.36 No.23 pp.4653–4655	ETO Yujiro OHSHIRO Akito* SAKURAI Jun-ichi* HORIE Keiko* SASAKI Masahide	KOSHIO Akane* HIRANO Takuya*
2011/12/01	A Bayesian Similarity Measure for Large-scale Calculation of Distributional Similarities	Information Processing Society of Japan	Vol.52 No.12 pp.3349–3362	KAZAMA Jun-ichi Stijn De Saeger MURATA Masaki* TORISAWA Kentaro	KURODA Kow*
2011/12/09	Standardization on Body Area Network and a Prototype System Based on UWB	Springer, Journal of Medical System	Vol.35 No.5 pp.1255–1263	Huan-Bang Li KOHNO Ryuji	
2011/12/12	Asymmetric dihedral angle offsets for large-size lunar laser ranging retroreflectors	Earth, Planets and Space	Vol.63 pp.e13–e16	OTSUBO Toshimichi KUNIMORI Hiroo NODA Hiroto* HANADA Hideo* KATAYAMA Masato*	ARAKI Hiroshi*
2011/12/12	Interference Mitigation Capability of a Low Duty DS-Multiband-UWB System in Realistic Environment	IEICE Special Section on Wideband Systems	Vol.E94-A No.12 pp.2762–2772	Sum Chin-Sean SASAKI Shigenobu* HARADA Hiroshi	
2011/12/12	40 Gb/s W-band (75–110 GHz) 16-QAM radio-over-fiber signal generation and its wireless transmission	Optics Express	Vol.19 No.26 pp.B56–B63	KANNO Atsushi MOROHASHI Isao SAKAMOTO Takahide KURI Toshiaki KAWANISHI Tetsuya YOSHIDA Yuki* KITAYAMA Ken-ichi*	INAGAKI Keizo HOSAKO Iwao
2011/12/12	Phase-squeezing properties of non-degenerate PSAs using PPLN waveguides	Optics Express	Vol.19 No.26 pp.B131–B139	Puttnam Ben SHINADA Satoshi WADA Naoya	D. Mazroa*
2011/12/12	Demonstration of asynchronous, 40Gbps x 4-user DPSK-OCDMA transmission using a multi-port encoder/decoder	Optics Express	Vol.19 No.26 pp.B965–B970	KATAOKA Nobuyuki Gabriella Cincotti* KITAYAMA Ken-ichi*	WADA Naoya
2011/12/12	Narrow-line-width 1.31- μ m wavelength tunable quantum dot laser using sandwiched sub-nano separator growth technique	Optics Express	Vol.19 No.26 pp.B636–B644	YAMAMOTO Naokatsu AKAHANE Kouichi KAWANISHI Tetsuya OMIGAWA Yu SOTOBAYASHI Hideyuki* YOSHIOKA Yuki TAKAI Hiroshi*	

List of Published Presentation Papers (Sep. 2011— Feb. 2012)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2011/12/16	Co-STAR: A co-training style algorithm for hyponymy relation acquisition	Information Processing Society of Japan	Vol.52 No.12 pp.3574–3587	Jong-Hoon Oh YAMADA Ichiro* TORISAWA Kentaro Stijn De Saeger HASHIMOTO Chikara	
2011/12/16	A bilingual co-training algorithm for hyponymy relation acquisition	Information Processing Society of Japan	Vol.52 No.12 pp.3558–3573	Jong-Hoon Oh YAMADA Ichiro* UCHIMOTO Kiyotaka TORISAWA Kentaro HASHIMOTO Chikara	
2011/12/27	1.3- μ m wavelength-tunable quantum-dot optical frequency comb generator integrated with absorptive optical attenuator	Physica Status Solidi C	Vol.9 No.2 pp.282–285	YAMAMOTO Naokatsu AKAHANE Kouichi KAWANISHI Tetsuya Katouf Redouane SOTOBAYASHI Hideyuki* YOSHIOKA Yuki TAKAI Hiroshi*	
2012/01/01	SAR-Probe Calibration System Using Reference Dipole Antenna in Tissue-Equivalent Liquid	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E95-B No.1 pp.60–68	ISHII Nozomu MIYOTA Yukihiko* SATO Ken-ichi* HAMADA Lira WATANABE Soichi	
2012/01/01	Three-dimensional Radiated Sound Field Display System Using Directional Loudspeakers and Wave Field Synthesis	Acoustical Science and Technology	Vol.33 No.1 pp.11–20	KIMURA Toshiyuki YAMAKATA Yoko* KATSUMOTO Michiaki OKAMOTO Takuma* YAIRI Satoshi* IWAYA Yukio* SUZUKI Youichi*	
2012/01/01	Identity-Based Proxy Cryptosystems with Revocability and Hierarchical Confidentialities	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	Vol.E95-A No.1 pp.70–88	Wang Lihua Licheng Wang* MAMBO Masahiro* OKAMOTO Eiji*	
2012/01/01	A distributed sensing and caching database for cognitive radio systems	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E95-B No.1 pp.217–225	Tran Ha Nguyen Chen Sun Demessie Yohannes Alemseged HARADA Hiroshi	
2012/01/01	Development of an Autonomous Distributed Control System for Optical Packet and Circuit Integrated Networks	Journal of Optical Communications and Networking (JOCN)	Vol.4 No.1 pp.25–37	MIYAZAWA Takaya FURUKAWA Hideaki FUJIKAWA Kenji WADA Naoya HARAI Hiroaki	
2012/01/01	Model free head pose estimation using stereovision	Pattern Recognition Journal	Vol.45 No.10 pp.33–42	Sabri Gurbuz OZTOP Erhan INOUE Naomi	
2012/01/01	Improving speech-to-speech translation systems using field data	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS (Japanese version)	Vol.J95-D No.1 pp.19–29	YASUDA Keiji UCHIYAMA Masao OKUMA Hideo SUMITA Eiichiro MATSUDA Shigeki ISOTANI Ryosuke KAWAI Hisashi NAKAMURA Satoshi	
2012/01/02	Differential Neural Correlates of Reciprocal Activation and Co-contraction Control in Dorsal and Ventral Premotor Cortices.	Journal of Neurophysiology	Vol.107 pp.126–133	HARUNO Masahiko Ganesh Gowrishankar Etienne Burdet* KAWATO Mitsuo*	
2012/01/04	MOSAIC for Multiple-Reward Environments	Neural Computation	Vol.24 No.6	SUGIMOTO Norikazu HARUNO Masahiko DOYA Kenji* KAWATO Mitsuo*	
2012/01/04	Gallium oxide (Ga ₂ O ₃) metal-semiconductor field-effect transistors on single-crystal beta-Ga ₂ O ₃ (010) substrates	Applied Physics Letters	Vol.100 No.1 pp.013504-1–013504-3	HIGASHIWAKI Masataka SASAKI Kohei* KURAMATA Akito* MASUI Takekazu* YAMAKOSHI Shigenobu*	
2012/01/11	Intermittent visual feedback can boost motor learning of rhythmic movements: evidence for error feedback beyond cycles	Journal of Neuroscience	Vol.32 No.2 pp.653–657	KEGAMI Tsuyoshi HIRASHIMA Masaya* OSU Rieko* NOZAKI Daichi*	
2012/01/16	Motion aftereffect in depth based on binocular information	Journal of Vision	Vol.12 No.1.11 pp.1–15	SAKANO Yuichi Robert S. Allison* Ian P. Howard*	
2012/01/16	Space Division Multiplexed Transmission of 109-Tb/s Data Signals using Homogeneous Seven-core fiber	IEEE Journal of Lightwave Technology	Vol.30 No.4 pp.658–665	SAKAGUCHI Jun AWAJI Yoshinari WADA Naoya KANNO Atsushi KAWANISHI Tetsuya HAYASHI Tetsuya* TARU Toshiaki* KOBAYASHI Tetsuya* WATANABE Masayuki*	

List of Published Presentation Papers (Sep. 2011— Feb. 2012)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2012/01/16	Stability Transfer between Two Clock Lasers Operating at Different Wavelengths for Absolute Frequency Measurement of Clock Transition in ⁸⁷ Sr	Applied Physics Express	Vol.5 pp.022701-1 -022701-3	YAMAGUCHI Atsushi SHIGA Nobuyasu NAGANO Shigeo Ying Li ISHIJIMA Hiroshi HACHISU Hidekazu KUMAGAI Motohiro IDO Tetsuya	
2012/01/23	A Lightweight Access Log Filter of Windows OS Using Simple Debug Register Manipulation	Communications in Computer and Information Science	Vol.259 pp.215-227	ANDOH Ruo SUZAKI Kuniyasu*	
2012/01/26	Beta dependence of electron heating in decaying whistler turbulence: Particle-In-Cell simulations	Physics of Plasmas	Vol.19 pp.012312-1 -012312-5	SAITO Sinji S. Peter Gary*	
2012/01/30	Photon number resolving SiPM detector with 1 GHz count rate	Optics Express	Vol.20 No.2 pp.2779-2788	AKIBA Makoto INAGAKI Keizo TSUJINO Kenji*	
2012/02/01	Skew Dependence of Nanophotonic Devices based on Optical Near-Field Interactions	ACM Journal on Emerging Technologies in Computing Systems	Vol.8 No.1 pp.4.1-4.12	NARUSE Makoto Peper Ferdinand AKAHANE Koichi YAMAMOTO Naokatsu KAWAZOE Tadashi* TATE Naoya* OHTSU Motoichi*	
2012/02/01	Space charge distribution measurement in insulation film with thickness of several tens μm	IEEJ Transactions on Fundamentals and Materials	Vol.132 No.2 pp.150-151	HAMANO Akihiro *TANAKA Yasuhiro MAENO Takashi	
2012/02/01	A Mur type analytical absorbing boundary condition for multidimensional wave analysis with the directional splitting technique	IEICE TRANSACTION ON ELECTRONICS	Vol.E95-C No.2 pp.309-312	SASAKI Kensuke SUZUKI Yukihisa	
2012/02/01	Impact of Atmospheric Delay Reduction Using KARAT on GPS/PPP Analysis	Geodesy for Planet Earth, International Association of Geodesy Symposia 136	Vol.136 pp.781-787	ICHIKAWA Ryuichi Hobiger Thomas KOYAMA Yasuhiro KONDO Tetsuro	
2012/02/01	Fabrication of a GaAsSb/AlAsSb distributed Bragg reflector with a highly stacked InAs quantum dash structure on InP(001) substrate	physica status solidi (c)	Vol.9 No.2 pp.235-238	AKAHANE Koichi YAMAMOTO Naokatsu	
2012/02/07	Synthesis of two-species ion chains for a new optical frequency standard with an indium ion	Applied Physics B	DOI: 10.1007/s00340-012-4909-9	HAYASAKA Kazuhiro	
2012/02/15	Analysis of wave front fluctuations in strong turbulence using thin phase screen approximation	The review of Laser engineering	Vol.40 No.2 pp.137-142	TOYODA Masahiro	
2012/02/20	Early entry and deformation of macropinosomes correlates with high efficiency of decaarginine-PEG-lipid-mediated gene delivery	The Journal of Gene Medicine	doi: 10.1002/jgm.2615	KOBAYASHI Shohei HATTORI Yoshiyuki* OSAKADA Hiroko TOMA Kazunori* MAITANI Yoshie* HIRAOKA Yasushi HARAGUCHI Tokuko	
2012/02/20	Characterization of Wavelength-Tunable Quantum Dot External Cavity Laser for 1.3-μm-Waveband Coherent Light Sources	Japanese Journal of Applied Physics	Vol.51 pp.02BG01-1 -02BG01-6	YAMAMOTO Naokatsu AKAHANE Kouichi KAWANISHI Tetsuya SOTOBAYASHI Hideyuki* YOSHIOKA Yuki TAKAI Hiroshi*	
2012/02/26	A real-time GNSS-R system based on software-defined radio and graphics processing units	Advances in Space Research	Vol.49 No.7 pp.1180-1190	Hobiger Thomas AMAGAI Jun AIDA Masanori NARITA Hideki	