

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/09/01	Signal Subspace Interpolation from Discrete Measurement Samples in Constructing a Database for Location Fingerprint Technique	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E92-B No.9 pp.2922–2930	Panarat CHERNTANOMWONG* TAKADA Jun-ichi* TSUJI Hiroyuki
2009/09/01	Dependence of Attenuation of Common Mode Radiation from Indoor Power Line Communication System on Structure of Reinforced Concrete Wall	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E92-B No.9 pp.2931–2938	Wu Ifong ISHIGAMI Shinobu GOTOH Kaoru MASUMOTO Yasushi
2009/09/01	Imposing Constraints from the Source Tree on ITG Constraints for SMT	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E92-D pp.1762–1770	YAMAMOTO Hirofumi OOKUMA Hideo SUMITA Eiichiro
2009/09/01	System Analysis of Non-Mechanical Compact Optical Transceiver for Wireless Communications with a VCSEL Array	Journal of Communications	Vol.4 No.8 pp.582–587	TOYOSHIMA Morio MIYASHITA Naoki TAKAYAMA Yoshihisa KUNIMORI Hiroo KIMURA Shinnichi
2009/09/01	CENSREC-1-C: An evaluation framework for voice activity detection under noisy environments	Acoustical Science and Technology	Vol.30 No.5 pp.363–371	KITAOKA Norihide* YAMADA Takeshi* TSUGE Satoru* MIYAJIMA Chiyomi* YAMAMOTO Kazumasa* NISHIURA Takanobu* NAKAYAMA Masato* DENDA Yuki* FUJIMOTO Masakiyo* TAKIGUCHI Tetsuya* TAMURA Satoshi* MATSUDA Shigeki OGAWA Tetsuji* KUROIWA Shingo TAKEDA Kazuya* NAKAMURA Satoshi
2009/09/01	Development of countermeasure software against information leakage of characters in display image due to radiated electromagnetic noise from PCs	IEICE TRANSACTIONS on Communications B	Vol.J92-B No.9 pp.1479–1486	SEKIGUCHI Hidenori
2009/09/01	An FDTD modeling of semi-infinite lossy ground for electromagnetic scattering problem	IEICE TRANSACTIONS on Communications B	Vol.J92-B No.9 pp.1457–1463	ARIMA Takuji WATANABE Souichi UNO Toru* TAKAHASHI Masaharu*
2009/09/01	Live-cell fluorescence imaging of meiotic chromosome dynamics in <i>Schizosaccharomyces pombe</i>	Methods in Molecular Biology	Vol.558 pp.53–64	ASAKAWA Haruhiko HIRAOKA Yasushi
2009/09/01	Error Analysis of Hybrid DS-Multiband-UWB Multiple Access System in the Presence of Narrowband Interference	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	Vol.E92-A No.9 pp.2167–2176	Sum Chin-Sean Azizur Rahman OGAWA Tetsuji* HARADA Hiroshi KATO Shuzo
2009/09/01	Behaviors of Microtubules (MTs) Driven by Biological Motors (Dynein c) at Collisions Against Micro-Fabricated Tracks and MTs for Potential Nano-Bio-Machines	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	Vol.9 No.9 pp.5123–5133	Chen, Q.* Li, D. Y.* SHITAKA Yuji OIWA Kazuhiro
2009/09/01	Acute Ocular Injuries Caused By 60-Ghz Millimeter-Wave Exposure	Health Physics	Vol.97 No.3 pp.212–218	KOJIMA Masami* HANAZAWA Masahiro* YAMASHIRO Yoko* SASAKI Hiroshi* WATANABE Souichi TAKI Masao* SUZUKI Yukihisa HIRATA Akimasa* KAMIMURA Yoshitsugu* SASAKI Kazuyuki*
2009/09/02	Multi-year temperature measurements of the middle atmosphere at Chatanika, Alaska (65N, 147W)	EARTH PLANETS AND SPACE	Vol.61 pp.755–764	Brentha Thurairajah* Richard L. Collins* MIZUTANI Kohei
2009/09/02	The estimation of 3D SAR distributions in the human head from mobile phone compliance testing data for epidemiological studies	PHYSICS IN MEDICINE AND BIOLOGY	Vol.54 pp.5695–5706	WAKE Kanako Nadge Varsier WATANABE Souichi TAKI Masao Joe Wiart* Simon Mann* Isabelle Deltour* Elisabeth Cardis*
2009/09/04	Buffer-gas-induced collision shift for the 88Sr 1S0-3P1 clock transition	PHYSICAL REVIEW A	Vol.80 No.30501 pp.1–4	SHIGA Nobuyasu Li Ying ITO Hiroyuki NAGANO Shigeo IDO Tetsuya Katarzyna Bielska* Ryszard S. Trawinski* Roman Ciurylo*
2009/09/09	Multipixel silicon avalanche photodiode with ultralow dark count rate at liquid nitrogen temperature	OPTICS EXPRESS	Vol.17 No.19 pp.16885–16897	AKIBA Makoto TSUJINO Kenji SATO K.* SASAKI Masahide

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/09/10	20-Gbit/s QPSK self-homodyne transmission experiment using a multi-wavelength Fabry-Perot laser diode	IEICE Electronics Express	Vol.6 No.17 pp.1281–1285	NAKAMURA Moriya KAMIO Yukiyoshi MIYAZAKI Tetsuya
2009/09/10	DGD- and dispersion-tolerance of QPSK self-homodyne detection based on a polarization-multiplexed pilot carrier	IEICE Electronics Express	Vol.6 No.17 pp.1286–1290	NAKAMURA Moriya KAMIO Yukiyoshi MIYAZAKI Tetsuya
2009/09/11	Response of convection electric fields in the magnetosphere to IMF orientation change	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.114 No.A09206 pp.1–11	NISHIMURA Y.* KIKUCHI Takashi Wygant, J.* SHINBORI A.* ONO T.* MATSUOKA A.* NAGATSUMA Tsutomu Brautigam, D.*
2009/09/15	Climatology of warm rain and associated latent heating derived from TRMM PR observations	JOURNAL OF CLIMATE	Vol.22 No.18 pp.4908–4929	KODAMA Yasumasa* KATSUMATA Masaki* MORI Shuichi* SATOH Shinsuke HIROSE Yuki* UEDA Hiroaki*
2009/09/15	A Feature-rich Supervised Word Alignment Model for Phrase-based Statistical Machine Translation	International Journal of Asian Language Processing	Vol.19 No.3 pp.109–125	GOH Chooi Ling SUMITA Eiichiro
2009/09/16	A three-dimensional, multispecies, comprehensive MHD model of the solar wind interaction with the planet Venus	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.114 No.A09208 pp.1–11	TERADA N.* SHINAGAWA Hiroyuki TANAKA T.* Kris Murawski* TERADA K.*
2009/09/21	Analysis of calcium carbonate for differentiating between pigments using terahertz spectroscopy	Online Journal of the European Optical Society: Rapid Publications	Vol.4 No.9044 pp.1–4	MIZUNO Maya FUKUNAGA Kaori SAITO Shingo HOSAKO Iwao
2009/09/22	Optimal mixture of randomly dispersed quantum dots for optical excitation transfer via optical near-field interactions	PHYSICAL REVIEW B	Vol.80 No.125325 pp.1–7	NARUSE Makoto KAWAZOE T.* OHTA R.* NOMURA W.* OHTSU M.*
2009/09/24	Stable radio frequency transfer in 114km urban optical fiber link	OPTICS LETTERS	Vol.34 No.19 pp.2949–2951	KUMAGAI Motohiro FUJIEDA Miho NAGANO Shigeo HOSOKAWA Mizuhiko
2009/09/25	Coherence-multiplexing experiment with 10-Gsymbol/s BPSK and QPSK signals using spectrum-sliced ASE	IEICE Electronics Express	Vol.6 No.18 pp.1345–1349	NAKAMURA Moriya KAMIO Yukiyoshi MIYAZAKI Tetsuya
2009/09/25	High Off-state Breakdown Voltage 60-nm-Long-Gate AlGaIn/GaN Heterostructure Field-Effect Transistors with AlGaIn Back-Barrier	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.48 No.94502 pp.1–3	ONOJIMA Norio* HIROSE Nobumitsu MIMURA Takashi MATSUI Toshiaki
2009/09/26	First observations of large-scale wave structure and equatorial spread F using CERTO radio beacon on the C/NOFS satellite	GEOPHYSICAL RESEARCH LETTERS	Vol.36 No.L18111 pp.1–5	Thampi, Smitha V.* YAMAMOTO Mamoru* Roland T.Tsunoda* OTSUKA Yuichi* TSUGAWA Takuya UEMOTO Jyunpei ISHII Mamoru
2009/09/29	Performance of hybrid entanglement photon pair source for quantum key distribution	APPLIED PHYSICS LETTERS	Vol.95 No.261103 pp.1–3	FUJIWARA Mikio TOYOSHIMA Morio SASAKI Masahide YOSHINO K.* NAMBU Y.* TOMITA A.*
2009/09/30	A Mechanism of ID/Locator Separation in Overlay Networks	Information Processing Society of Japan	Vol.50 No.9 pp.2298–2311	YOSHIDA Mikio* TERANISHI Yuuichi SHIMOJO Shinji
2009/10/01	Low-Voltage and High-Speed Operations of 30-nm-Gate Pseudomorphic In _{0.52} Al _{0.48} As/In _{0.7} Ga _{0.3} As HEMTs Under Cryogenic Conditions	IEEE ELECTRON DEVICE LETTERS	Vol.30 No.10 pp.1024–1026	ENDOH Akira SHINOHARA Keisuke* WATANABE Issei MIMURA Takashi MATSUI Toshiaki
2009/10/01	Measuring IDS-estimated attack impacts for rational incident response: A decision theoretic approach	COMPUTERS & SECURITY	Vol.28 No.7 pp.605–614	Zhang Zonghua Pin-Han Ho* Liwen He*
2009/10/01	Practical QoE model considering delay condition and content preference	IEICE TRANSACTIONS on Communications B	Vol.J92-B No.12 pp.1810–1822	EGUCHI Masato* MIYOSHI Takumi* YAMORI Kyoko* YAMAZAKI Tatsuya
2009/10/01	Implementation and evaluation of a traffic data delivery system for executing realtime analysis by multiple methods	IEICE TRANSACTIONS on Communications B	Vol.J92-B No.10 pp.1619–1630	SUZUKI Kazuya* BABA Shunsuke* WADA Hidehiko* NAKAO Kouji TAKAKURA Hiroki* OKABE Yasuo*

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/10/01	Transcriptional Suppression by Transient Recruitment of ARIP4 to Sumoylated Nuclear Receptor Ad4BP/SF-1	MOLECULAR BIOLOGY OF THE CELL	Vol.20 pp.4235-4245	Ogawa Hidesato KOMATSU Tomoko* Hiraoka Yasushi MOROHASHI Ken-ichirou*
2009/10/01	Computation of Troposphere Slant Delays on a GPU	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Vol.47 No.10 pp.3313-3318	Hobiger Thomas ICHIKAWA Ryuichi KOYAMA Yasuhiro KONDO Tetsuro
2009/10/01	Expediting Experiments across Testbeds with AnyBed: A Testbed-Independent Topology Configuration System and Its Tool Set	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E92-D No.10 pp.1877-1887	SUZUKI Mio HAZEYAMA Hiroaki* MIYAMOTO Daisuke MIWA Shinsuke KADOBAYASHI Yuki
2009/10/01	Improved Correction of Beam Mismatch of the Precipitation Radar After Orbit Boost of the TRMM Satellite	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Vol.47 No.10 pp.3469-3479	TAGAWA Tetsuya* HANADO Hiroshi SHIMIZU Shuji* OKI Riko*
2009/10/01	Relay with Deflection Routing for Effective Throughput Improvement in Gbps Millimeter-Wave WPAN Systems	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	Vol.27 No.8 pp.1453-1465	Lan Zhou Sum Chin-Sean Wang Junyi Baykas Tuncer KOJIMA Fumihide NAKASE Hiroyuki* HARADA Hiroshi
2009/10/01	Mutually-adaptive generation of utterances based on estimation of belief shared by human and robots in real world	Journal of Japan Society for Fuzzy Theory and Intelligent Informatics	Vol.21 No.5 pp.663-681	NAKAMURA Shinya* IWAHASHI Naoto NAGAI Takayuki*
2009/10/01	Error Performance and Throughput Evaluation of a Multi-Gbps Millimeter-wave WPAN System in the Presence of Adjacent and Co-Channel Interference	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	Vol.27 No.8 pp.1433-1442	Sum Chin-Sean FUNADA Ryuhei Wang Junyi Baykas Tuncer Azizur Rahman HARADA Hiroshi
2009/10/01	Virtual Time-Slot Allocation Scheme for Throughput Enhancement in a Millimeter-Wave Multi-Gbps WPAN System	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	Vol.27 No.8 pp.1379-1389	Sum Chin-Sean Lan Zhou FUNADA Ryuhei Wang Junyi Baykas Tuncer Azizur Rahman HARADA Hiroshi
2009/10/01	Detection area enlargement of superconducting strip-line detectors for time-of-flight mass spectrometry	Physica C	Vol.469 No.15 pp.1677-1679	SUZUKI K.* MIKI Shigehito SHIKI S.* KOBAYASHI Y.* Wang Zhen OHKUBO M.*
2009/10/01	Frequency Stability Measurement of a Transfer-cavity-stabilized Diode Laser by using an Optical Frequency Comb	Applied Physics B	Vol.97 pp.413-419	UETAKE S.* MATSUBARA Kensuke ITO Hiroyuki HAYASAKA Kazuhiro HOSOKAWA Mizuhiko
2009/10/01	A Sixty GHz Vehicle Area Network for Multimedia Communications	IEEE Journal on Selected Areas in Communications	Vol.27 No.8 pp.1500-1506	SAWADA Hirokazu NAKASE H.* SATO Katsuyoshi HARADA Hiroshi KATO Shuzo
2009/10/07	A Modified SV-Model Suitable for Line-of-Sight Desktop Usage of Millimeter-Wave WPAN Systems	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	Vol.57 No.10 pp.2940-2948	SHOJI Yozo SAWADA H.* Choi Chnag-Soon* OGAWA Hiroyo
2009/10/07	Shared neural correlates for language and tool-use in Broca's area	NeuroReport	Vol.20 No.15 pp.1376-1381	HIGUCHI Satomi* Thierry CHAMINADE* IMAMIZU Hiroshi KAWATO Mitsuo*
2009/10/09	Three Quanta Sensitivity Superconductor-Insulator-Superconductor Mixer for the 0.78-0.95 THz Band	Applied Physics Express	Vol.2 No.102201 pp.1-3	KOJIMA Takafumi* Matthias Kroug* TAKEDA Masanori* UZAWA Yoshinori* W.-L.Shan* FUJII Yasunori* Wang Zhen OGAWA Hideo*
2009/10/09	Variance Measurement of mp/me Using Cold Molecules	CANADIAN JOURNAL OF PHYSICS	Vol.87 No.7 pp.743-748	KAJITA Masatoshi
2009/10/10	Development and applications of an English learner corpus with multiple information tags	Journal of Natural Language Processing	Vol.16 No.4 pp.47-63	YASUDA Keiji KITAMURA Keisuke* YAMAMOTO Seiichi* YANAGIDA Masuzo*
2009/10/11	Compilation of an idiom example database for supervised idiom identification	Language Resources and Evaluation	Vol.43 No.4 pp.355-384	HASHIMOTO Chikara KAWAHARA Daisuke
2009/10/15	Time-correlated single photon counting system and light-collection system for studying fluorescence emitters under high-vacuum conditions: Use of immersion objective and ionic liquid	THIN SOLID FILMS	Vol.518 pp.432-436	YAMADA Toshiki GOUSHI K.* OTOMO Akira

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/10/15	Measurements of spectral broadening and Doppler shift of backreflections from a fiber fuse using heterodyne detection	OPTICS LETTERS	Vol.34 No.20 pp.3157–3159	Kazi Sarwar Abedin MIYAZAKI Tetsuya NAKAZAWA Masataka*
2009/10/20	A sensitive ALMA Band 10 SIS receiver engineering model	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	Vol.22 No.114002 pp.1–8	UZAWA Y.* Matthias Kroug* KOJIMA T.* TAKEDA M.* M Candotti* FUJII Y.* KANEKO K.* W.-L.Shan* NOGUCHI T.* Wang Zhen
2009/10/22	Forecast of high-energy electron flux at geostationary orbit using neural network	TRANSACTIONS OF THE JAPAN SOCIETY FOR AERONAUTICAL AND SPACE SCIENCES	Vol.7 ists26 pp.Tr_2_47-Tr_2_51	WATARI Shin-ichi TOKUMITSU M.* KITAMURA K.* ISHIDA Y.*
2009/10/22	Observation of energy transfer between InAs quantum dots by pump-and-probe micro-photoluminescence measurement	JOURNAL OF LUMINESCENCE	Vol.129 pp.1912–1915	NISHIBAYASHI K.* KAWAZOE T.* OHTSU M.* AKAHANE Kouichi YAMAMOTO Naokatsu
2009/10/22	Ensemble effect on Rabi oscillations of excitons in quantum dots	PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE	Vol.206 No.5 pp.952–955	KUJIRAOKA Mamiko HAYASE Junko AKAHANE Kouichi YAMAMOTO Naokatsu EMA Kazuhiro* SASAKI Masahide
2009/10/22	Experimental study on the condition of the formation of electric field domains in multiple finite-superlattices	MICROELECTRONICS JOURNAL	Vol.40 pp.818–820	OOTANI N.* NOMA S.* AKAHANE Kouichi HOSODA M.* FUJITA K.*
2009/10/22	Error-free wavelength conversion at 160 Gbit/s in PPLN waveguide at room temperature	ELECTRONICS LETTERS	Vol.45 No.22 pp.1135–1137	M. V. Drummond* J. D. Reis* R. N. Nogueira* P. P. Monteiro* A. L. Teixeira* SHINADA Satoshi WADA Naoya ITO H.*
2009/10/23	Socially-inspired search and ranking in mobile social networking: concepts and challenges	Journal of Frontiers of Computer Science in China	Vol.3 No.4 pp.1–9	WANG Yufeng NAKAO Hiroaki
2009/10/24	Observed Sea Surface Temperature of Tokyo Bay and Its Impact on Urban Air Temperature	Journal of Applied Meteorology and Climatology	Vol.48 No.10 pp.2054–2068	ODA Ryoko KANDA M.*
2009/10/25	Calibration of electric field probes in GTEM cell using reference antenna method	IEICE Electronics Express	Vol.6 No.20 pp.1469–1475	WU Ifong ISHIGAMI Shinobu GOTOH Kaoru MATSUMOTO Yasushi
2009/10/28	Viewing hand grip enhances observer's grip force in a body-part-specific manner	NeuroReport	Vol.20 No.16 pp.1477–1480	HIROSE Satoshi* OOUCHIDA Yutaka* MATSUMURA Michikazu* NAITO Eiichi
2009/10/29	Boosting perceptual learning by fake feedback	VISION RESEARCH	Vol.49 pp.2574–2585	SHIBATA Kazuhisa YAMAGISHI Noriko ISHII Shin KAWATO Mitsuo*
2009/10/30	A motor control strategy with virtual musculoskeletal systems for compliant anthropomorphic robots	IEEE/ASME Transactions on Mechatronics	Vol.14 No.6 pp.677–688	HYON Sang-HO
2009/11/01	Microwave imaging with infrared 2-D lock-in amplifier	IEEJ Transactions on Fundamentals and MaterialsA	Vol.129 No.11 pp.785–790	CHIYO Noritaka ARAI Mizuki TANAKA Yasuhiro* NISHIKATA Atsuhiro MAENO Takashi
2009/11/01	Simultaneous Transmission of Millimeter-Wave and Baseband Signals Using Wavelength Interleaving and Polarization Multiplexing for an Integrated Reconfigurable Access Network	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.21 No.21 pp.1597–1599	C.P.Tsekrekos* KURI Toshiaki KITAYAMA K.*
2009/11/01	X-ray Fiber Diffraction Studies on Flagellar Axonemes	METHODS IN CELL BIOLOGY	Vol.91 No.5 pp.89–109	OIWA Kazuhiro KAMIMURA Shinji* IWAMOTO Hiroyuki*
2009/11/01	Complex Regional Pain Syndrome (CRPS) Impairs Visuospatial Perception, whereas Post-Herpetic Neuralgia does not: Possible Implications for Supraspinal Mechanism of CRPS	ANNALS ACADEMY OF MEDICINE SINGAPORE	Vol.38 No.11 pp.931–936	UEMATSU H.* SUMITANI M.* YOZU A.* OTAKE Y.* SHIBATA M.* MASHIMO T.* MIYAUCHI Satoru
2009/11/01	Determining Location of Appliances from Multi-hop Tree Structures of Power Strip Type Smart Meters	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	Vol.55 No.4 pp.2314–2322	Hyun Sang Cho* YAMAZAKI Tatsuya Minsoo Hahn*
2009/11/01	Biophysical measurements on axonemal dyneins	METHODS IN CELL BIOLOGY	Vol.92 pp.83–105	KOJIMA Hiroaki TOBA Shiori SAKAKIBARA Hitoshi OIWA Kazuhiro

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/11/01	Throughput and Error Analysis of a Space-Time Resource Management Scheme for Multi-Gbps Millimeter-wave WPAN System	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	Vol.E-92A No.11 pp.2659-2668	Sum Chin-Sean Rahman Mohammad Azizur Lan Zhou FUNADA Ryuhei Wang Junyi Baykas Tuncer HARADA Hiroshi KATO Shuzo
2009/11/02	Membrane proteins Bqt3 and -4 anchor telomeres to the nuclear envelope to ensure chromosomal bouquet formation	JOURNAL OF CELL BIOLOGY	Vol.187 No.3 pp.413-427	CHIKASHIGE Yuji YAMANE Miho OKAMASA Kasumi TSUTSUMI Chihiro KOJIDANI Tomoko SATO Mamiko* HARAGUCHI Tokuko HIRAOKA Yasushi
2009/11/05	Distinctive Responses to Nitrogen Starvation in the Dominant Active Mutants of the Fission Yeast Rheb GTPase	GENETICS	Vol.183 pp.517-527	MURAI Tomoka* NAKASE Yukiko* FUKUDA Keiko* CHIKASHIGE Yuji TSUTSUMI Chihiro HIRAOKA Yasushi MATSUMOTO Tomohiro*
2009/11/10	Stimulatory effects of arachidonic 1 acid on myosin ATPase activity and contraction of smooth muscle via myosin motor domain.	AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY	Vol.1 No.577	KATAYAMA T.* WATANABE M.* TANAKA Hideyuki* HINO M.* MIYAKAWA Takuya* OHKI T.* L. H. Ye* C. Xie* YOSHIYAMA Shinji* NAKAMURA A.* ISHIKAWA R.* TANOKURA M.* OIWA Kazuhiro KOHAMA K.*
2009/11/12	Effects of dielectric permittivities on skin heating due to millimeter wave exposure	Biomedical Engineering Online	Vol.8 No.20 pp.1-9	KANEZAKI Akio* HIRATA Akimasa* WATANABE Souichi SHIRAI Hiroshi*
2009/11/13	Characteristics of Polarimetric Radar Variables in Three Types of Rainfalls in a Baiu Front Event over the East China Sea	JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN	Vol.87 No.5 pp.865-875	SHUSSE Yukari NAKAGAWA Katsuhiro TAKAHASHI Nobuhiro SATO Shinsuke IGUCHI Toshio
2009/11/17	The SUN Rises on Meiotic Chromosome Dynamics	DEVELOPMENTAL CELL	Vol.17 No.5 pp.598-605	HIRAOKA Yasushi A F. Dernburg*
2009/11/17	Intensity modulation of terahertz quantum cascade lasers under external light injection	APPLIED PHYSICS LETTERS	Vol.95 No.201106 pp.1-3	SEKINE Norihiko HOSAKO Iwao
2009/11/18	Voxel-Based Variable Posture Models of Human Anatomy	PROCEEDINGS OF THE IEEE	Vol.97 No.12 pp.2015-2025	NAGAOKA Tomoaki WATANABE Souichi
2009/11/18	Recent Japanese R&D in Satellite Communications	IEICE TRANSACTIONS on Communications	Vol.E92-B No.11 pp.3290-3299	UMEHIRA Masahiro KOBAYASHI Kiyoshi* YASUI Yoshitsugu* TANAKA Masato SUZUKI Ryutarō SHINONAGA Hideyuki* KAWAI Nobuyuki*
2009/11/19	A locally-induced increase in intracellular Ca ²⁺ propagates cell-to-cell in the presence of plasma membrane Ca ²⁺ ATPase inhibitors in non-excitabile cells	FEBS LETTERS	Vol.583 No.22 pp.3593-3599	NAKANO T.* KOUJIN Takako SUDA T* HIRAOKA Yasushi HARAGUCHI Tokuko
2009/11/20	A Three-layered Model of Nursing Based on Hospital Observation Data	METHODS OF INFORMATION IN MEDICINE	Vol.48 No.6 pp.574-581	OHBOSHI N.* TANAKA T.* KUWAHARA N.* OZAKU Hiromi NAYA F.* KOGURE K.*
2009/11/22	INTERCOMPARISON OF INDUCED FIELDS IN JAPANESE MALE MODEL FOR ELF MAGNETIC FIELD EXPOSURES: EFFECT OF DIFFERENT COMPUTATIONAL METHODS AND CODES	RADIATION PROTECTION DOSIMETRY	pp.1-8	HIRATA A.* YAMAZAKI K.* HAMADA S.* KAMIMURA Y.* TARAO H.* WAKE Kanako SUZUKI Yukihisa HAYASHI H.* FUJIWARA O.*
2009/11/23	Polarization measurements through space-to-ground atmospheric propagation paths by using a highly polarized laser source in space	OPTICS EXPRESS	Vol.17 No.25 pp.22333-22340	TOYOSHIMA Morio TAKENAKA Hideki SHOJI Yozo TAKAYAMA Yoshihisa KOYAMA Yoshisada KUNIMORI Hiroo
2009/11/25	The Effect of a Low Dielectric Material Placed at the Tip of a GTEM Cell on the Electric Field	IEICE Electronics Express	Vol.6 No.22 pp.1608-1614	Wu Ifong ISHIGAMI Shinobu GOTOH Kaoru MATSUMOTO Yasushi

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/11/30	Synthesis and characterization of binary chromophore polymers for electro-optic application	THIN SOLID FILMS	Vol.518 pp.481-484	X. Piao* INOUE S.* YOKOYAMA S.* MIKI Hideki AOKI Isao OTOMO Akira TAZAWA H.*
2009/12/01	Close relationship between fMRI signals and transient heart rate changes accompanying K-complex: Simultaneous EEG/fMRI study	Clinical Neurophysiology	Vol.37 No.6 pp.423-431	KAN Shigeyuki KOIKE Takahiko MISAKI Masaya MIYAUCHI Satoru
2009/12/01	IT Framework for Disaster Mitigation Information Sharing	Journal of Disaster Research	Vol.3 No.6 pp.467-478	NODA Itsuki* SHIMORA Hiroki* MATSUI Hiroki* YOKOTA Hiroshi* SHIBAYAMA Akihiro HISADA Yoshiaki* MURAKAMI Masahiro* SUZUKI Takeyasu* HADA Yasunori* YAMADA Takeshi* ZAMA Shinsaku* HADA Yasushi MEGURO Jun-ichi* OKAMOTO Ken*
2009/12/01	Translation of Untranslatable Words - Integration of Lexical Approximation and Phrase-Table Extension Techniques into Statistical Machine Translation	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E92-D No.12 pp.2378-2385	Michael Paul Karunesh Arora* SUMITA Eiichiro
2009/12/01	Image and/or Movie Analyses of 100-GHz Traveling Waves on the Basis of Real-Time Observation With a Live Electrooptic Imaging Camera	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	Vol.57 No.12 pp.3373-3379	TSUCHIYA Masahiro KANNO Atsushi SASAGAWA Kiyotaka SHIOZAWA T.*
2009/12/01	Wireless Body Area Network Combined with Satellite Communication for Remote Medical and Healthcare Applications	WIRELESS PERSONAL COMMUNICATIONS	Vol.51 No.4 pp.697-709	Li Huan-Bang TAKAHASHI Takashi TOYODA Masahiro MORI Yasuyuki* KOHNO Ryuji
2009/12/01	Class-dependent Modeling for Dialog Translation	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E92-D No.12 pp.2469-2477	Finch Andrew SUMITA Eiichiro NAKAMURA Satoshi
2009/12/01	Evaluation of parallax on the dual-antenna 95GHz MMCR FALCON-I	IEICE TRANSACTIONS on Electronics C	Vol.J92-C No.12 pp.806-812	YAMAGUCHI Jun* TAKANO Toshiaki* TAKAMURA Tamio* NAKANISHI Yuji* KAWAMURA Yohei* ABE Hideji* HORIE Hiroaki OHNO Yuichi
2009/12/01	A Reordering Model Using a Source-Side Parse-Tree for Statistical Machine Translation	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E92-D No.12 pp.2386-2393	HASHIMOTO Kei YAMAMOTO Hirofumi OOKUMA Hideo SUMITA Eiichiro TOKUDA Keiichi
2009/12/01	Imitation learning from unsegmented human motion based on N-gram statistics of linear prediction models	Journal of Japan Society for Fuzzy Theory and Intelligent Informatics	Vol.121 No.6 pp.1143-1154	TANIGUCHI Tadahiro IWAHASHI Naoto
2009/12/01	Highly efficient third harmonic generation in a periodically poled MgO:LiNbO3 disk resonator	Applied Physics Express	Vol.2 No.122401 pp.1-3	SASAGAWA Kiyotaka TSUCHIYA Masahiro
2009/12/01	Joint Chinese Word Segmentation and POS Tagging Using an Error-Driven Word-Character Hybrid Model	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E92-D No.12 pp.2298-2305	Kruengkrai Canasai UCHIMOTO Kiyotaka KAZAMA Junichi Wang Yiou TORISAWA Kentaro ISAHARA Hitoshi
2009/12/01	Introduction to Adaindex -an adaptive similarity search algorithm in general metric spaces	Engineering the Computer Science and IT, IN-Tech Education and Publishing,		Ban Tao KADOBAYASHI Yuki
2009/12/01	Comparison of Free-Space and Fiber-Based Transmission Systems in Quantum Cryptography	TRANSACTIONS OF THE JAPAN SOCIETY FOR AERONAUTICAL AND SPACE SCIENCES	Vol.7 No.26 pp.Pj_7-Pj_12	TOYOSHIMA Morio SHOJI Yozo Schaefer Christian Andreas TAKAYAMA Yoshihisa KUNIMORI Hiroo TAKEOKA Masahiro FUJIWARA Mikio SASAKI Masahide
2009/12/01	Antenna Composition and Technology for Cognitive Wireless Communications	WIRELESS PERSONAL COMMUNICATIONS	Vol.51 No.4 pp.843-854	IIGUSA Kyouichi HARADA Hiroshi
2009/12/01	Superconducting Nanowire Single-Photon Detectors for Quantum Information and Communications	IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS	Vol.15 No.6 pp.1741-1747	Wang Zhen MIKI Shigehito FUJIWARA Mikio

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/12/01	Fourier-transform Infrared Spectroscopy of Femtosecond Laser-modified SiC	JLMN-Journal of Laser Micro/Nanoengineering	Vol.4 No.3 pp.182–185	TOMITA Takuro* IWAMI Masahiro* MATSUO Shigeki* HASHIMOTO Shuichi* SAITO Shingo SASAKI Kiyomi
2009/12/01	A Reading Evaluation Method for English as a Foreign Language Learners Based on Reading Performances	Learning Culture and Language through ICTs: Methods for Enhanced Instruction	No.3 pp.41–57	KOTANI Katsunori* YOSHIMI Takehiko* KUTSUMI Takeshi* SATA Ichiko* ISAHARA Hitoshi
2009/12/01	Spectrum Sensing Architecture and Use Case Study: Distributed Sensing over Rayleigh Fading Channels	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E92-B No.12 pp.3606–3615	Sun Chen Demessie Yohannes Alemseged Tran Ha Nguyen HARADA Hiroshi
2009/12/01	Robust Spectrum Sensing Algorithms for Cognitive Radio Application by Using Distributed Sensors	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E92-B No.12 pp.3616–3624	Demessie Yohannes Alemseged Sun Chen Tran Ha Nguyen HARADA Hiroshi
2009/12/01	In situ observations of instabilities in the mesopause region using foil chaff technique during the Waves in Airglow Structures Experiment (WAVE) campaigns	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.114 No.D20114 pp.1–9	KOIZUMI Yoshiko* KUBOTA Minoru MURAYAMA Yasuhiro ABO Makoto* UCHIUMI Michihiro* IGARASHI Kiyoshi* IWAGAMI Naomoto* ABE Takumi* OYAMA Koh-ichiro*
2009/12/01	Performance Analysis of Complex CDMA Using Complex Chaotic Spreading Sequence with Constant Power	IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences	Vol.E92-A No.12 pp.3394–3307	TAKAHASHI Ryo* UMENO Ken
2009/12/01	MAC Enhancement for High Speed Communications in the 802.15.3c mmWave WPAN	WIRELESS PERSONAL COMMUNICATIONS	Vol.51 No.4 pp.825–841	Pyo Chang-Woo KOJIMA Fumihide SATO Katsuyoshi HARADA Hiroshi KATO Shuzo
2009/12/01	On Cooperative and Efficient Overlay Network Evolution based on Group Selection Pattern	IEEE Transactions on Systems, Man, and Cybernetics-Part B	Vol.40 No.3 pp.1–12	Wang Yufeng NAKAO Akihiro
2009/12/03	30 Gbit/s 64-QAM transmission over 60 km SSMF using phase-noise cancelling technique and ISI suppression based on electronic digital processing	ELECTRONICS LETTERS	Vol.45 No.25 pp.1339–1340	NAKAMURA Moriya KAMIO Yukiyoshi MIYAZAKI Tetsuya
2009/12/09	Atmosphere and Water Loss from Early Mars Under Extreme Solar Wind and Extreme Ultraviolet Conditions	ASTROBIOLOGY	Vol.9 No.1 pp.1–16	TERADA Naoki Yuri. N. Kulikov* Helmut Lammer* Herbert I.M. Lichtenegger* TANAKA Takashi* SHINAGAWA Hiroyuki Tielong Zhang*
2009/12/10	Computational dosimetry in embryos exposed to electromagnetic plane waves over the frequency range of 10 MHz–1.5 GHz	PHYSICS IN MEDICINE AND BIOLOGY	Vol.55 pp.N1–N11	KAWAI Hiroki NAGAOKA Tomoaki WATANABE Souichi SAITO Kazuyuki TAKAHASHI Masaharu* ITO Koichi*
2009/12/10	Random error estimation in refractive index measured with the terahertz time domain spectroscopy	IEICE Electronics Express	Vol.6 No.23 pp.1690–1696	Saroj R. Tripathi* AOKI Makoto* MOCHIZUKI Kento* ASAHI Toshiaki* HOSAKO Iwao HIROMOTO Norihisa
2009/12/10	Development and application of highly charged ion source	VACUUM	Vol.84 No.5 pp.530–533	SAKURAI Makoto* OHISHI Hiroyuki* ASAKURA Ken* TONA Masahide* WATANABE Hirofumi* NAKAMURA Nobuyuki* OHTANI Shunsuke* TERUI Toshifumi MASHIKO Shinro Hiroyuki A. Sakaue*
2009/12/15	Excitation Intensity Dependence of Power-Law Blinking Statistics in Nanocrystal Quantum Dots	Journal of Physical Chemistry C	Vol.113 pp.20161–20168	GOUSHI Kenichi YAMADA Toshi OTOMO Akira
2009/12/15	Two-photon excited fluorescence from CdSe quantum dots on SiN photonic crystals	APPLIED PHYSICS LETTERS	Vol.95 No.221113 pp.1–3	XU Xingsheng YAMADA Toshiki UEDA Rieko OTOMO Akira
2009/12/15	Correlations between antibunching and blinking of photoluminescence from a single CdSe quantum dot	EUROPEAN PHYSICAL JOURNAL D	Vol.55 pp.691–697	XU Xingsheng YAMADA Toshiki YOKOYAMA S.*

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2009/12/21	Compactly packaged superconducting nanowire single-photon detector with an optical cavity for multi-channel system	OPTICS EXPRESS	Vol.17 No.26 pp.23557-23564	MIKI Shigehito TAKEDA Masanori* FUJIWARA Mikio SASAKI Masahide Wang Zhen
2009/12/23	Lack of Adverse Effects of Whole-Body Exposure to a Mobile Telecommunication Electromagnetic Field on the Rat Fetus	RADIATION RESEARCH	Vol.173 pp.362-372	TAKAHASHI Satoru* IMAI Norio* NABAE Kyoko* WAKE Kanako KAWAI Hiroki Jianqing Wang* WATANABE Souichi KAWABE Mayumi* FUJIWARA Osamu* OGAWA Kumiko* TAMANO Seiko* SHIRAI Tomoyuki*
2009/12/25	Multi-frequency Study of Giant Radio Pulses from the Crab Pulsar with the K5 VLBI Recording Terminal	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN	Vol.61 No.6 pp.1197-1209	Mikhail Popov* Vladimir Soglasnov* Vladislav Kondratiev* Anna Bilous* Olega Moshkina* Vasily Oreshko* Yuri Ilyasov* SEKIDO Mamoru KONDO Tetsuro
2009/12/30	The middle region of a HP1-binding protein, HP1-BP74, associates with linker DNA at the entry/exit site of nucleosomal DNA.	JOURNAL OF BIOLOGICAL CHEMISTRY	pp.1-21	HAYASHIHARA Kayoko* UCHIYAMA Susumu* SHIMAMOTO Shigeru* KOBAYASHI Shohei Miroslav Tomschik* WAKAMATSU Hidekazu* Daisuke No* SUGAHARA Hiroki* HORI Naoto* NODA Masanori* OHKUBO Tadayasu* Jordanka Zlatanova* MATSUNAGA Sachihoro* FUKUI Kiichi*
2009/12/31	International Comparison of Labour Productivity Distribution for Manufacturing and Non-Manufacturing Firms	Progress of Theoretical Physics Supplement		IKEDA Yuichi* SOUMA Wataru
2009/12/31	Neural activations correlated with reading speed during reading novels	NEUROSCIENCE RESEARCH	Vol.65 No.4 pp.335-342	FUJIMAKI Norio MUNETSUNA Shinji SASAKI Toyofumi* HAYAKAWA Tomoe IHARA Aya Wei Qiang TERAZONO Yasushi MURATA Tsutomu
2010/01/01	Operational Retrieval Algorithms for JEM/SMILES Level 2 Data Processing System	JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	Vol.111 No.1 pp.160-173	TAKAHASHI Chikako* OCHIAI Satoshi SUZUKI Makoto*
2010/01/01	Development of high pulse compression-wind profiler radar for high density solid observation of the city atmosphere	IEICE TRANSACTIONS on Communications B	Vol.J93-B No.1 pp.127-131	SEKIZAWA Shinya KAWAMURA Seiji MURAYAMA Yasuhiro
2010/01/01	Temporal contrast normalization and edge-preserved smoothing of temporal modulation structures of speech for robust speech recognition	SPEECH COMMUNICATION	Vol.52 No.1 pp.1-11	Lu Xugang MATSUDA Shigeki UNOKI Masashii* NAKAMURA Satoshi
2010/01/01	Artificial induction of autophagy around polystyrene beads in nonphagocytic cells	Autophagy	Vol.6 No.1 pp.36-45	KOBAYASHI Shohei KOJIDANI Tomoko OSAKADA Hiroko YAMAMOTO Akitsugu* YOSHIMORI Tamotsu* HIRAOKA Yasushi HARAGUCHI Tokuko
2010/01/01	Development and Evaluation of All-for-one Type Multilingual Conference Support System	Information Processing Society of Japan	Vol.51 No.1 pp.36-44	YOSHINO Takashi IDE Mina*
2010/01/01	Precise frequency dissemination by using very-short-term statistics of the internet	IEICE TRANSACTIONS on Communications B	Vol.J93B No.1 pp.43-52	MACHIZAWA Akihiko IWAMA Tsukasa SAITO Haruo TORIYAMA Hiroshi
2010/01/01	Linewidth-tolerant real-time 40-Gbit/s 16-QAM self-homodyne detection using a pilot carrier and ISI suppression based on electronic digital processing	OPTICS LETTERS	Vol.35 No.1 pp.13-15	NAKAMURA Moriya KAMIO Yukiyoshi MIYAZAKI Tetsuya

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2010/01/01	High speed quantum key distribution system	Optical Fiber Technology	Vol.16 pp.55–62	TOMITA Akihisa* YOSHINO Ken-ichiro* NAMBU Yoshihiro* TAJIMA Akio* TANAKA Akihiro* TAKAHASHI Seigo* MAEDA Wakako* MIKI Shigehito Wang Zhen FUJIWARA Mikio SASAKI Masahide
2010/01/01	Radiolocation System Using Distributed Sensor Array Onboard a High Altitude Aerial Vehicle	Wireless Personal Communications Journal, Kluwer Academic Publishers	Vol.52 pp.241–251	MIURA Ryu TSUJI Hiroyuki Gray Derek Paul
2010/01/01	High-dimensional World Comes True in Thirty Years	The journal of the Institute of Image Information and Television	Vol.64 No.1 pp.29–31	YAMAKATA Youko
2010/01/06	Identifying information senders of web pages	Journal of Japanese Society for Artificial Intelligence	Vol.25 No.1 pp.90–103	KATO Yoshikiyo KAWAHARA Daisuke INUJ Kentaro KUROHASHI Sadao SHIBATA Tomohide*
2010/01/08	Alignment and recognition of homologous chromosomes in meiosis	FEBS Journal	pp.1–6	Ding Da-Qiao HARAGUCHI Tokuko HIRAOKA Yasushi
2010/01/08	Coherent Microwave Transfer Over a 204-km Telecom Fiber Link by a Cascaded System	IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL	Vol.57 No.1 pp.168–174	FUJIEDA Miho KUMAGAI Motohiro NAGANO Shigeo
2010/01/08	Improving TWSTFT Short-Term Stability by Network Time Transfer	IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL	Vol.57 No.1 pp.161–167	Wen-Hung Tseng* Shinn-Yan Lin* Kai-Ming Feng* FUJIEDA Miho MAENO Hideo
2010/01/08	Reorganization of polar cap patches through shears in the background plasma convection	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.115 No.A01303 pp.1–10	HOSOKAWA K.* J.-P. St-Maurice* G. J. Sofko* SHIOKAWA K.* OTSUKA Y.* OGAWA Tadahiko
2010/01/09	Enhancement-mode m-plane AlGaIn/GaN heterojunction field-effect transistors	Applied Physics Express	Vol.2 No.011001 pp.1–2	FUJIWARA Tetsuya* Siddharth Rajan* Stacia Keller* HIGASHIWAKI Masataka James S. Speck* Steven P.DenBaars* Umesh K. Mishra*
2010/01/10	10 Gb/s-based PON over OCDMA Uplink Burst Transmission using SSFBG Encoder/Multi-port Decoder and Burst-mode Receiver	JOURNAL OF LIGHTWAVE TECHNOLOGY	Vol.28 No.4 pp.365–371	YOSHIMA Satoshi* NAKAZAWA Naoki* KATAOKA Nobuyuki SUZUKI Naoki* NODA Masaki* NOGAMI Masamichi* NAKAGAWA Junichi* KITAYAMA Kenichi*
2010/01/13	VHF radar observations of nighttime F-region field-aligned irregularities over Kototabang, Indonesia	EARTH PLANETS AND SPACE	Vol.61 No.4 pp.431–437	OTSUKA Y.* OGAWA Tadahiko Effendy*
2010/01/14	Estimation of whole-body average SAR in human models due to plane-wave exposure at resonance frequency	IEEE Transactions on Electromagnetic Compatibility		HIRATA A.* FUJIWARA O.* NAGAOKA Tomoaki WATANABE Souichi
2010/01/15	Neuroimaging study on brain asymmetries in situs inversus totalis	JOURNAL OF THE NEUROLOGICAL SCIENCES	Vol.288 pp.72–78	IHARA Aya HIRATA Masayuki* FUJIMAKI Norio GOTO Tetsu* UMEKAWA Yuka* FUJITA Norihiko* TERAZONO Yasushi* MITANI Ayumu Wei Qiang YOSHIMINE Toshiki* YORIFUJI Shiro* MURATA Tsutomu
2010/01/15	New RSA-Based (Selectively) Convertible Undeniable Signature Schemes	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	Vol.E93-A No.1 pp.63–75	Le Trieu Phong KUROSAWA Kaoru* OGATA Wakaha*
2010/01/15	Ionospheric variation at Thailand equatorial latitude station: Comparison between observations and IRI-2001 model predictions	ADVANCES IN SPACE RESEARCH	Vol.45 No.2 pp.284–293	Noraset Wichaipanich* Pornchai Supnithi* ISHII Mamoru MARUYAMA Takashi

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

*outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2010/01/16	Secure 2.5 Gbit/s, 16-Ary OCDM Block-Ciphering With XOR Using a Single Multi-Port En/Decoder	JOURNAL OF LIGHTWAVE TECHNOLOGY	Vol.28 No.1 pp.181–187	KODAMA Takahiro* NAKAGAWA Naoki* KATAOKA Nobuyuki WADA Naoya Gabriella Cincotti* Xu Wang* MIYAZAKI Tetsuya KITAYAMA Ken-ichi*
2010/01/19	Quantum detection of wavelength-division-multiplexing optical coherent signals	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	Vol.27 No.2 pp.259–265	WASEDA Atsushi TAKEOKA Masahiro SASAKI Masahide FUJIWARA Mikio TANAKA Hidema
2010/01/20	Wiener Bounds for Complex Permittivity in Terahertz Spectroscopy: Case Study of Two-Phase Pharmaceutical Tablets	APPLIED SPECTROSCOPY	Vol.64 No.1 pp.127–131	Hekki Tuononen* FUJUNAGA Kaori Marko Kousmanen* Jarkko Ketolainen* Kai-Erik Peiponen*
2010/01/20	Effect of Gate-Drain Spacing for In _{0.52} Al _{0.48} As/In _{0.53} Ga _{0.47} As High Electron Mobility Transistors Studied by Monte Carlo Simulations	Japanese Journal of Applied Physics	Vol.49 No.1 pp.014301-1-5	ENDOH Akira SHINOHARA Keisuke* AWANO Yuji* HIKOSAKA Kohki* MATSUI Toshiaki MIMURA Takashi
2010/01/20	Improving GPS positioning estimates during extreme weather situations by the help of fine-mesh numerical weather models	Journal of Atmospheric and Solar-Terrestrial Physics	Vol.72 pp.262–270	Hobiger Thomas SHIMADA S.* SHIMIZU S.* ICHIKAWA Ryuichi KOYAMA Yasuhiro KONDO Tetsuro
2010/01/25	Determination of gain of double-ridged guide horn antenna by considering phase center	IEICE Electronics Express	Vol.7 No.2 pp.86–91	HARIMA Katsushige
2010/01/29	640 Gbit/s (64-wavelength x 10 Gbit/s) Data-Rate Wide-Colored NRZ-DPSK Optical Packet Switching and Buffering Demonstration	JOURNAL OF LIGHTWAVE TECHNOLOGY	Vol.28 No.4 pp.336–343	FURUKAWA Hideaki WADA Naoya MIYAZAKI Tetsuya
2010/01/31	Characterization and Modeling of Dynamic On-Body Propagation at 4.5 GHz	IEEE Antennas and Wireless Propagation Letters	Vol.8 pp.1263–1267	Zhen Bin Kim Minseok* TAKADA Junichi KOHNO Ryuji
2010/02/01	60-GHz Repeater Link for an ISDB-T Gap-Filler System Based on Self-Heterodyne Technique Applying an Adaptive Distortion Suppression Technique	IEEE Transactions on Microwave Theory and Technique	Vol.58 No.2 pp.340–347	SHOJI Yozo Choi Chang-Soon OTA Hiroki
2010/02/01	Voice Output System Considering Personal Voice for Instant Casting Movie	Information Processing Society of Japan	Vol.51 No.2 pp.250–264	KAWAMOTO Shinichi ADACHI Yoshihiro* OHTANI Yamato* YOTSUKURA Tatsuo* MORISHIMA Shigeo NAKAMURA Satoshi
2010/02/01	Time-Correlated Single-Photon Counting System with a Modified Objective Unit for Studying Fluorescence Emitters under High-Vacuum and Ambient Gas Conditions	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.49 No.01AE04 pp.1–5	YAMADA Toshiki OTOMO Akira
2010/02/01	Study of Aroma Characteristics for Estimating their Role in Enhancing the Reality of Visual Images	Information Processing Society of Japan	Vol.51 No.2 pp.265–276	OOSHIMA Chika NAKAYAMA Koichi ANDO Hiroshi
2010/02/01	Large-Scale Traveling Ionospheric Disturbance Observed by SuperDARN Hokkaido HF 1 Radar and GPS Networks on 15 December 2006	JOURNAL OF GEOPHYSICAL RESEARCH-Space Physics	Vol.115 No.A06309	HAYASHI H.* NISHITANI N.* OGAWA Tadahiko OTSUKA Y.* TSUGAWA Takuya HOSOKAWA K.* SAITO A.*
2010/02/01	An implementation of hiding information on documents by adjustment to new line positions	IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences A	Vol.J93-A No.2 pp.100–103	TAKIZAWA Osamu NAKINO Kyoko*
2010/02/01	An ID/locator split architecture for future networks	IEEE Communications Magazine	Vol.48 No.2 pp.138–144	Ved Kafle OTSUKI Hideki INOUE Masugi
2010/02/01	Optical Access Architecture Designs based on WDM-direct toward New Generation Networks	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E93-B No.2 pp.236–245	MIYAZAKI Takaya HARAI Hiroaki
2010/02/01	Low-noise and High-gain Millimeter-wave MMICs Using Nanoscale InGaAs/InAlAs HEMTs	The Institute of Electronics, Information and Communication Engineers (IEICE)	Vol.93 No.2 pp.118–124	WATANABE Issei ENDOH Akira YAMASHITA Yoshimi HIROSE Nobumitsu MIMURA Takashi MATSUI Toshiaki
2010/02/01	Optical code processing system, device, and its application (Invited)	Journal of Networks(Special issue)	Vol.5 No.2	WADA Naoya

List of Published Presentation Papers (Sep. 2009—Feb. 2010)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2010/02/03	The "Cutaneous Rabbit" Hopping out of the Body	JOURNAL OF NEUROSCIENCE	Vol.30 No.5 pp.1856–1860	MIYAZAKI Makoto* HIRASHIMA Masaya* NOZAKI Daichi	
2010/02/03	A physical mechanism of positive ionospheric storms at low and mid latitudes	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.115 No.A02304 pp.1–12	Nanan Balan* SHIOKAWA K.* OTSUKA Y.* KIKUCHI T.* D. Vijaya Lekshmi* KAWAMURA Seiji YAMAMOTO M.* G. J. Bailey*	
2010/02/04	16-level quadrature amplitude modulation by monolithic quad-parallel Mach-Zehnder optical modulator	Electronics Letters	Vol.46 No.3 pp.220–222	CHIBA Akito SAKAMOTO Takahide KAWANISHI Tetsuya HIGUMA Kaoru* SUDO Masaaki* ICHIKAWA Junichiro*	
2010/02/05	Geostationary satellite near-miss avoidance using on-board monitoring	JOURNAL OF THE JAPAN SOCIETY FOR AERONAUTICAL AND SPACE SCIENCES	Vol.58 No.673 pp.38–44	KAWASE Seiichirou	
2010/02/05	Retrograde satellite to monitor overcrowded geosynchronous orbits	JOURNAL OF THE JAPAN SOCIETY FOR AERONAUTICAL AND SPACE SCIENCES	Vol.58 No.673 pp.31–37	KAWASE Seiichirou	
2010/02/07	Entanglement distillation from Gaussian input states	Nature Photonics	Vol.4 pp.178–181	TAKAHASHI Hiroki Jonas Neergaard-Nielsen TAKAEUCHI Makoto TAKEOKA Masahiro HAYASAKA Kazuhiro FURUSAWA Akira* SASAKI Masahide	
2010/02/08	Relationships between pre-sunset electrojet strength, pre-reversal enhancement, and equatorial spread-F onset	ANNALES GEOPHYSICAE	Vol.28 No.2 pp.449–454	UEMOTO Jyunpei MARUYAMA Takashi SAITO S.* ISHII Mamoru YOSHIMURA R.*	
2010/02/15	Neural basis for dynamic updating of object representation in visual working memory	NEUROIMAGE	Vol.49 pp.3394–3403	TAKAHAMA Sachiko MIYAUCHI Satoru SAIKI Jun*	
2010/02/16	A Hierarchical Delaunay Overlay Network Construction Method for Obtaining Overviews of Sensing Data	Information Processing Society of Japan	Vol.51 No.2 pp.624–634	KONISHI Yuji* TERANISHI Yuuichi TAKEUCHI Susumu HARUMOTO Kaname* SHIMOJO Shinji NISHIO Shojiro*	
2010/02/22	Simultaneous 3 × 10 Gbps optical data transmission in 1- μ m, C-, and L-wavebands over a single holey fiber using an ultra-broadband photonic transport system	Optics Express	Vol.18 No.5 pp.4695–4700	YAMAMOTO Naokatsu OMIGAWA Yu* AKAHANE Kouichi KAWANISHI Tetsuya SOTOBAYASHI Hideyuki	