

List of Published Presentation Papers (Dec.2007—May2008)

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Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2007/12/01	Live Electrooptic Imaging System Based on Ultra-parallel Photonic Heterodyne for Microwave Near-Fields	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	Vol.55 No.12 pp.2782-2791	SASAGAWA Kiyotaka KANNO Atsushi KAWANISHI Tetsuya TSUCHIYA Masahiro
2007/12/01	Shielding effectiveness measurement using dual-focus flat cavity at microwave frequency range	The Institute of Electronics, Information and Communication Engineers	Vol.J91 No.1 pp.88-94	NISHIKATA Atsuhiko TOSAKA Toshihide FUKUNAGA Kaori NAKAYAMA Yukio
2007/12/01	An logical event-language for legal reasoning	Information Processing Society of Japan	Vol.48 No.12 pp.3996-4011	KANEIWA Ken TOJO Satoshi*
2007/12/01	Children-robot interaction: a pilot study in autism therapy	PROGRESS IN BRAIN RESEARCH	Vol.164 pp.385-400	KOJIMA Hideki NAKAGAWA Kokoro* YASUDA Yuri*
2007/12/07	Vortex-associated reconnection for northward IMF in the Kronian magnetosphere	GEOPHYSICAL RESEARCH LETTERS	Vol.34 L23201 pp.1-5	FUKAZAWA Keiichiro OGINO Tatsuki* Raymond J. Walker*
2007/12/15	Novel demultiplexer for dense wavelength-division-multiplexed millimeter-wave-band radio-over-fiber systems with optical frequency interleaving technique	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.19 No.24 pp.2018-2020	KURI Toshiaki TODA Hiroyuki* KITAYAMA Ken-ichi*
2007/12/15	Bayesian variable order n-gram language model based on hierarchical Pitman-Yor process	Information Processing Society of Japan	Vol.48 No.12 pp.4023-4032	MOCHIIHASHI Daichi SUMITA Eiichiro
2007/12/15	Text mining and visualization for numerical information from a large number of documents	The Institute of Systems, Control and Information Engineers	Vol.20 No.12 pp.482-484	MURATA Masaki ICHII Koji* Ma Qing SHIRADO Tamotsu KANAMARU Toshiyuki TSUKAWAKI Sachiyu ISAHARA Hitoshi
2007/12/19	Visual feedback is not necessary for the earning of novel dynamics	PLoS ONE	Vol.2 12-e1336 pp.1-12	David Franklin Udell So* Etienne Burdet* Mitsuo Kawato*
2007/12/19	Interactive robots as facilitators of children's social development	Aleksandar Lazinica (ed.): Mobile Robots: Towards New Applications, Vienna: Advanced Robotic Systems	No.14 pp.269-286	JIKOMA Hideki NAKAGAWA Kokoro*
2007/12/22	Long-term occurrence probabilities of intense geomagnetic storm events	SPACE WEATHER-THE INTERNATIONAL JOURNAL OF RESEARCH AND APPLICATIONS	Vol.5 S12003 pp.1-12	TSUBOUCHI Kenji OMURA Yoshiharu*
2007/12/31	Temporal Evolution and Spatial Structure of the Local Easterly Wind "Kiyokawa-dashi" in Japan PART I: Coherent Doppler Lidar Observations	JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN	Vol.85 No.6 pp.797-813	ISHII Shoken SASAKI Kaori* MIZUTANI Kohei AOKI Tetsuo ITABE Toshikazu KANNO Hiromitsu* MATSUSHIMA Dai* SHA Weiming* NODA Akira* SAWADA Masahiro* UJIE Masashi* MATSUURA Yosuke* IWASAKI Toshiki*
2008/01/01	Fundamental experiment of optically feeding phased array antenna for satellite communication	The Institute of Electronics, Information and Communication Engineers	J91-C No.1 pp.75-83	FUJINO Yoshiyuki SATO Masaki TANAKA Masato TAIRA Shin-ichi OBARA Noriaki* IWAMOTO Ryuichi*
2008/01/01	Linearization method and linear complexity	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	E91-A No.1 pp.22-29	TANAKA Hidema
2008/01/01	Design and Simulation of a Nanophotonic Traceable Memory Using Localized Energy Dissipation and Hierarchy of Optical Near-Field Interactions	IEEE TRANSACTIONS ON NANOTECHNOLOGY	Vol.7 No.1 pp.14-19	NARUSE Makoto YATSUI Takashi* KAWAZOE Tadashi* AKAO Yoshinori* OTSU Motoichi*
2008/01/01	Analysis and Improved Recognition of Protein Names Using Transductive SVM	JOURNAL OF COMPUTERS	Vol.3 No.1 pp.51-62	MURATA Masaki MITSUMORI Tomohiro* DOI Koichi
2008/01/01	Simulated Doppler Radar Observations of Inhomogeneous Clouds: Application to the Earth-CARE Space Mission	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	Vol.25 No.1 pp.26-42	N. A. J. Schutgens

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2008/01/01	Developments in Networking Technologies to Create a Multilateral Class on the Internet	International Journal Internet Education ISSN 1687-6482	Vol.3 No.1 pp.78-85	NISHINAGA Nozomu NISHIBORI Yuri* NAGAOKA Keizo* TANAKA Kenji YAMAMOTO Yuichi* UENO Maomi* Ruimin SHEN* JinJin FENG* Myunghee Ju KANG*
2008/01/02	Regional reference total electron content model over Japan based on neural network mapping techniques	ANNALES GEOPHYSICAE	Vol.25 No.12 pp.2609-2614	MARUYAMA Takashi
2008/01/03	Attentional changes in pre-stimulus oscillatory activity within early visual cortex are predictive of human visual performance	BRAIN RESEARCH	Vol.1197 pp.115-122	YAMAGISHI Noriko Daniel E. Callan Stephen J. Anderson* KAWATO Mitsuo*
2008/01/03	Slow Light Generation in Singlemode Er-Doped Tellurite Fibre	ELECTRONICS LETTERS	Vol.44 No.1 pp.16-17	Abedin Kazi Sarwar Lu Guo-Wei Miyazaki Tetsuya
2008/01/11	Using a neural network to make operational forecasts of ionospheric variations and storms at Kokubunji, Japan	EARTH PLANETS AND SPACE	Vol.59 No.12 pp.1231-1239	NAKAMURA Maho MARUYAMA Takashi SHIMADA Y.*
2008/01/15	GaN-based FETs using Cat-CVD SiN passivation for millimeter-wave applications	THIN SOLID FILMS	Vol.516 pp.548-552	HIGASHIWAKI Masataka MIMURA Takashi MATSUI Toshiaki
2008/01/22	Different modulation of medial superior temporal activity across saccades: a functional magnetic resonance imaging study	NEUROREPORT	Vol.19 No.2 pp.133-137	KAN Shigeyuki MISAKI Masaya KOIKE Takahiro MIYAUCHI Satoru
2008/01/24	Prospects of detecting me/mp variance using vibrational transition frequencies of 2Σ -state molecules	PHYSICAL REVIEW A	Vol.77 No.12511 pp.1-11	KAJITA Masatoshi
2008/01/24	Shielding effectiveness measurement using dual-focus flat cavity at microwave frequency range	The Institute of Electronics, Information and Communication Engineers	J91-C No.1 pp.38-49	ARIMOTO Yoshinori
2008/01/31	Humanoid technologies: "know-how"	ROBOTICS AND AUTONOMOUS SYSTEMS	Vol.56 No.1 pp.1-3	Gordon Cheng Giorgio Metta* Giorgio Cannata* Giullio Sandini*
2008/02/01	Spray-Jet Technique for Studying Nonvolatile Functional Molecules: Comparison of Different Spray-Jet Inlet Systems	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.47 No.2 pp.1408-1411	YAMADA Toshiki SHINOHARA Hidenori* KAMIKADO Toshiya MASHIKO Shinro
2008/02/01	The impact of the Taiwan earthquake against research and education networks	Information Processing Society of Japan	Vol.49 No.2 pp.603-614	KITAMURA Yasuichi Youngseok Lee* SAKIYAMA Ryo* OKAMURA Koji*
2008/02/01	AlGaN/GaN Heterostructure Field-Effect Transistors on 4H-SiC Substrates with Current-Gain Cut-off Frequency of 190 GHz	Applied Physics Express	Vol.1 No.21103 pp.1-3	HIGASHIWAKI Masataka MIMURA Takashi MATSUI Toshiaki
2008/02/01	Creativity Support via Terms in Thematic Relations	IGI Publishing International Journal of e-Collaboration	Vol.4 No.2 pp.55-71	YAMAMOTO Eiko ISAHARA Hitoshi
2008/02/01	Interactive Learning of Spoken Words and Their Meanings Through an Audio-Visual Interface	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	E91-D No.2 pp.312-321	IWAHASHI Naoto
2008/02/07	SAR characterization inside intracranial tumors for case-control epidemiological studies on cellular phones and RF exposure	ANNALES DES TELECOMMUNICATIONS-ANNALS OF TELECOMMUNICATIONS	Vol.63 pp.65-78	Nadege Varsier WAKE Kanako TAKI Masao WATANABE Soichi TAKEBAYASHI Toru* YAMAGUCHI Naohito* KIKUCHI Yuriko*
2008/02/08	An 80-GHz chirp-free carrier-suppressed optical pulse generator using cascaded 20-GHz clock-driven Mach-Zehnder modulators	IEICE Electronics Express	Vol.5 No.1 pp.1-5	Lu Guo-Wei MIYAZAKI Tetsuya
2008/02/08	Free-space quantum cryptography with quantum and telecom communication channels	ACTA ASTRONAUTICA	Vol.63 No.1/4 pp.179-184	TOYOSHIMA Morio TAKAYAMA Yoshihisa Klaus Werner KUNIMORI Hiroo FUJIWARA Mikio SASAKI Masahide

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2008/02/08	Validation of ozone measurements from the Atmospheric Chemistry Experiment (ACE)	Atmospheric Chemistry Physics Discussions	Vol.8 pp.2513-2656	E. Dupuy P. Baron KAGAWA Akiko KASAI Yasuko MIZUTANI Kohei MURAYAMA Yasuhiro K. A. Walker* 他98名
2008/02/14	AlGaIn/GaN MIS-HEMTs with fT of 194 GHz at 16 K	ELECTRONICS LETTERS	Vol.44 No.4 pp.319-320	ENDO Akira WATANABE Issei YAMASHITA Yoshimi* MIMURTA Takashi MATSUI Toshiaki
2008/02/15	Large sensitive-area NbN nanowire superconducting single-photon detectors fabricated on single-crystal MgO substrates	APPLIED PHYSICS LETTERS	Vol.92 No.61116 pp.1-3	MIKI Shigeto FUJIWARA Mikio SASAKI Masahide Burm Baek* Aaron Miller* Robert Hadfield* Sae Woo Nam* Zhen Wang
2008/02/17	Operation Range Estimation of Reed-Solomon Coded SC-FDE System in 60-GHz WPANs	Proceedings of The 10th International Conference on Advanced Communication Technology	Vol.1 pp.167-170	Baykas Tuncer Lei Ming Sum Chin-Sean FUNADA Ryuhei NISHIGUCHI Yoshinori KIMURA Ryota Wang Junyi Azizur Rahman HARADA Hiroshi KATO Shuzo
2008/02/18	Evaluation of caesium atomic fountain NICT-CsF1	METROLOGIA	Vol.45 pp.139-148	KUMAGAI Motohiro ITO Hiroyuki KAJITA Masatoshi HOSOKAWA Mizuhiko
2008/02/20	Gene Expression and Distribution of Swi6 in Partial Aneuploids of the Fission Yeast Schizosaccharomyces pombe	CELL STRUCTURE AND FUNCTION	Vol.32 No.2 pp.149-161	CHIKASHIGE Yuji TSUTSUMI Chihiro OKAMASA Kasumi YAMANE Miho NAKAYAMA Jun-ichi* NIWA Osami* HARAGUCHI Tokuko HIRAOKA Yasushi
2008/02/23	Proposal of Pedestrian-Oriented Wearable GPS with the New Scalable Capability of Instantaneous Azimuth Limitation	Human Interface Society	Vol.10 No.1 pp.113-122	TAKAHASHI Masato TACHI Susumu*
2008/02/27	Lifetime distribution of spontaneous emission from line antennas in two-dimensional quasi-periodic photonic crystals	JOURNAL OF PHYSICS-CONDENSED MATTER	Vol.20 No.125210 pp.1-6	Xingsheng Xu Haiyang Hu* YAMADA Toshiaki Hongda Chen* Yiquan Wang*
2008/02/29	The critical solar wind pressure for IMF penetration into the Venus ionosphere	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.113 A02309 pp.1-13	JIN Hidekatsu MAEZAWA K.* MUKAI T.*
2008/03/01	Nanosecond and Femtosecond Mass Spectroscopic Analysis of a Molecular Beam Produced by the Spray-Jet Technique	THIN SOLID FILMS	Vol.516 pp.2252-2256	YAMADA Toshiaki SHINOHARA Hidenori KAMIKADO Toshiya OKUNO Yoshishige SUZUKI Hitoshi MASHIKO Shinro YOKOYAMA Shiyoshi
2008/03/01	Using Mutual Information Criterion to Design An Efficient Phoneme Set For Chinese Speech Recognition	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	E91-D No.3 pp.508-513	Zhang Jin song Hu Xinhui NAKAMURA Satoshi
2008/03/01	An Improved Greedy Search Algorithm for the Development of A Phonetically Rich Speech Corpus	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	E91-D No.3 pp.615-628	Zhang Jin song NAKAMURA Satoshi
2008/03/01	Bilingual Cluster Based Model for Statistical Machine Translation	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	E91-D No.3 pp.588-597	YAMAMOTO Hiroshi SUMITA Eiichiro
2008/03/01	Perturbed radius of geosynchronous-satellite orbit	The Japan Society for Aeronautical and Space Sciences	Vol.56 No.650 pp.143-148	KAWASE Seiichiro
2008/03/03	The Fluorescence Behavior from SAM of Dendron with Rhodamine B as a Center	THIN SOLID FILMS	Vol.516 No.9 pp.2371-2375	NAITO Yukito OTOMO Akira MIKI Hideki AOKI Isao YOKOYAMA Shiyoshi
2008/03/07	Surface recombination in GaAs thin films with two-dimensional photonic crystals	APPLIED PHYSICS LETTERS	Vol.92 No.91911 pp.1-3	Xingsheng Xu YAMADA Toshiaki OTOMO Akira
2008/03/09	Clear Channel Assessment in Integrated Medical Environments	EURASIP Journal on Wireless Communications and Networking	2008 pp.1-8	Zhen Bin Li Huan-Bang HARA Shinsuke KONO Ryoji

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2008/03/14	Measurement of Terahertz Refractive Index of Metal with Terahertz Time-Domain Spectroscopy	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.47 No.3 pp.1632-1634	YASUDA Hiroaki HOSAKO Iwao
2008/03/14	Terahertz Waveguide Design for GaSb/AlGaSb Quantum Cascade Laser	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.47 No.3 pp.1575-1578	YASUDA Hiroaki HOSAKO Iwao
2008/03/17	Knowledge Cluster Systems for Knowledge Sharing, Analysis and Delivery among Remote Sites	Information Modelling and Knowledge Bases XIX. IOS Press	Vol.166 pp.282-289	ZETTSU Koji NAKANISHI Takafumi IWAZUME Michiaki KIDAWARA Yutaka KIYOKI Yasushi
2008/03/25	RFI mitigation at a 2GHz band by using a wide-band high-temperature superconductor filter	Journal of the Geodetic Society of Japan	Vol.54 No.1 pp.31-37	KAWAI Eiji NAKAJIMA Jun-ichi TAKEUCHI Hiroshi* KUBOKI Hiromitsu KONDO Tetsuro SUZUKI Masanobu* SAITO Kenshi*
2008/03/25	Ultrafast response induced by interference effects between weakly confined exciton states	JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN	Vol.77 No.4 pp.44701-1-44701-4	KOJIMA Osamu ISU Toshiro HAYASE Junko KANNO Atsushi Redouane Katouf SASAKI Masahide TSUCHIYA Masahiro
2008/03/28	Statistical models for solar flare interval distribution in individual active regions	SOLAR PHYSICS	Vol.248 No.1 pp.85-98	KUBO Yuki
2008/03/31	Flow assignment method with traffic characteristics over multiple paths for reducing queuing delay	TELECOMMUNICATION SYSTEMS	Vol.37 No.1/3 pp.1-12	KITATSUJI Yoshinori TSURU Masato TAKINE Tetsuya* OIE Yuji
2008/04/01	Time transfer device using single-fiber single wavelength time division duplex	The Institute of Electronics, Information and Communication Engineers	J91-B No.4 pp.431-439	TORIYAMA Hiroshi MACHIZAWA Akihiko IWAMA Tsukasa
2008/04/01	A Hybrid Centralized Routing Protocol for 802.11s WMNs	MOBILE NETWORKS & APPLICATIONS	pp.1-15	Azman Osman Lim Xudong Wang* Youiti Kado Bing Zhang
2008/04/10	Application of terahertz spectroscopy for character recognition in a medieval manuscript	IEICE Electronics Express	Vol.5 No.7 pp.223-228	FUKUNAGA Kaori OGAWA Yuichi* HAYASHI Shin-ichiro* HOSAKO Iwao
2008/04/13	Classifying Information Sender of Web Documents	Internet Research	Vol.18 No.2 pp.191-203	KATO Yoshikiyo KUROHASHI Sadao* INUJI Kentaro
2008/04/13	Evaluation Data and Prototype System WISDOM for Information Credibility Analysis	Internet Research	Vol.18 No.2 pp.155-164	MIYAMORI Hisashi AKAMINE Susumu KATO Yoshikiyo KANEIWA Ken SUMI Kaoru INUI Kentaro KUROHASHI Sadao
2008/04/17	Pressure broadening coefficients of the water vapor lines at 556.936 and 752.033GHz	JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER	Vol.109 pp.144-150	SETA Takamasa HOSHINA Hiromichi* KASAI Yasuko HOSAKO Iwao OTANI Chiko* Stefan Loßow* Joachim Urban* Mattias Ekström* Patric Eriksson* Donal Murtagh*
2008/04/23	The calcium kinetics and inositol trisphosphate receptor properties shape the asymmetric timing window of coincidence detection	JOURNAL OF NEUROSCIENCE	Vol.28 No.17 pp.4293-4294	OGASAWARA Hideaki
2008/04/30	Volcanic ash transport from Mount Asama to the Tokyo metropolitan area influenced by large-scale local wind circulation	Journal of Applied Meteorology and Climatology	Vol.47 No.4 pp.1248-1265	TSUNEMATSU Nobumitsu NAGAI Tomohiro* MURAYAMA Toshiyuki* ADACHI Ahoro* MURAYAMA Yasuhiro
2008/05/01	DECAY OF ORIENTATIONAL GRATING OF WEAKLY CONFINED EXCITONS IN GaAs THIN FILMS	JOURNAL OF LUMINESCENCE	Vol.128 pp.963-965	KOJIMA Osamu ISU Toshiro HAYASE Junko KANNO Atsushi Redouane Katouf SASAKI Masahide TSUCHIYA Masahiro

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2008/05/01	EFFECTS OF EXCITATION SPECTRAL WIDTH ON DECAY PROFILE OF WEAKLY CONFINED EXCITONS	JOURNAL OF LUMINESCENCE	Vol.128 pp.966-968	KOJIMA Osamu ISU Toshiro HAYASE Junko KANNO Atsushi Redouane Katouf SASAKI Masahide TSUCHIYA Masahiro
2008/05/01	Correlation effect of Rabi oscillations of excitons in quantum dots	JOURNAL OF LUMINESCENCE	Vol.128 No.5/6 pp.1016-1018	HAYASE Junko AKAHANE Koichi YAMAMOTO Naokatsu KUJIRAOKA Mamiko EMA Kazuhiro* SASAKI Masahide
2008/05/01	Radiative and non-radiative relaxation of excitons in strain-compensated quantum dots	JOURNAL OF LUMINESCENCE	Vol.128 No.5/6 pp.972-974	KUJIRAOKA Mamiko HAYASE Junko AKAHANE Koichi YAMAMOTO Naokatsu EMA Kazuhiro* SASAKI Masahide
2008/05/01	PHOTOLUMINESCENCE DYNAMICS OF WEAKLY CONFINED EXCITONS IN GaAs THIN FILMS	JOURNAL OF LUMINESCENCE	Vol.128 pp.1069-1071	KANNO Atsushi Redouane Katouf KOJIMA Osamu HAYASE Junko SASAKI Masahide TSUCHIYA Masahiro ISU Toshiro
2008/05/01	Evaluation of information leakage via electromagnetic emanation and effectiveness of Tempest	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	E91-D No.5 pp.1439-1446	TANAKA Hidema
2008/05/01	UDP Large-payload Capability Detection for DNSSEC	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	E91-D No.5 pp.1261-1273	RIKITAKE Kenji NAKAO Koji SHIMOJO Shinji NOGAWA Hiroki*
2008/05/06	Temporary decrease in daytime F-region peak electron density due to eastward electric field penetration during magnetic storm	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.113 A05305 pp.1-10	JIN Hidekatsu MARUYAMA Takashi
2008/05/15	Crosstalk suppression of a balanced bridge interferometric-type LiNbO3 optical switch by using Mach-Zehnder structures	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.20 No.10 pp.872-874	CHIBA Akito KAWANISHI Tetsuya SAKAMOTO Takahide HIGUMA Kaoru* IZUTSU Masayuki*