

## List of Published Presentation Papers (Sep. 2010—Feb. 2011)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2010/09/01	A Comparative Study of Unsupervised Anomaly Detection Techniques Using HoneyPot Data	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E93-D No.9 pp.2544–2554	SONG Jungsuk TAKAKURA Hiroki* OKABE Yasuo* INOUE Daisuke ETO Masashi NAKAO Koji	
2010/09/06	Masked immediate-repetition-priming effect on the early lexical process in the bilateral anterior temporal areas assessed by neuromagnetic responses	Neuroscience Research	Vol.68 No.2 pp.114–124	FUJIMAKI Norio HAYAKAWA Tomoe IHARA Aya MATANI Ayumu Wei Qiang TERAZONO Yasushi* MURATA Tsutomu	
2010/09/08	Importance of precentral motor regions in human kinesthesia: A single case study	Neurocase	Vol.17 No.2 pp.133–147	NAITO Eiichi MATSUMOTO Riki* HAGURA Nobuhiro* OUCHIDA Yutaka* TOMIMOTO Hidekazu* HANAKAWA Takashi*	
2010/09/09	Analysis of efficient optical excitation transfer in layered quantum dot nanostructure networked via optical near-field interactions	Physical Review B	Vol.82 No.12 pp.125417-1–125417-8	NARUSE Makoto Erich Runge* Thomas A. Klar* KOBAYASHI Kiyoshi* OHTSU Motoichi*	
2010/09/10	Development of three-antenna method measurement system for low-sensitivity optical electric field sensor	IEICE Electronics Express	Vol.7 No.17 pp.1265–1270	Wu Ifong ISHIGAMI Shinobu GOTO Kaoru MATSUMOTO Yasushi	
2010/09/15	Condensed mitotic chromosome structure at nanometer resolution using PALM and EGFP- Histones.	PLoS one	Vol.5 No.9 p.e12768	MATSUDA Atsushi Shao L* Boulanger J* Kervrann C* Carlton P M* Kner P* Agard D* Sedat J W*	
2010/09/15	P2P soft security: on evolutionary dynamics of P2P incentive mechanism	Elsevier, Computer Communications	Vol.34 No.3 pp.241–249	Wang Yufeng NAKAO Akihiro Thanos Vasilakos* Jianhua Ma*	
2010/09/16	RF-Wave Visions for Circuitry Analyses and Diagnoses by Live Electrooptic Imaging Camera	International Journal of Microwave and Wireless Technologies (Cambridge Journal)	Vol.2 pp.341–347	TSUCHIYA Masahiro SHIOZAWA Takahiro*	
2010/09/17	Demonstration of single-flux-quantum readout operation for superconducting single-photon detectors	Applied Physics Letters	Vol.97 No.11 pp.112510-1–112510-3	TERAI Hirotaka MIKI Shigehito YAMASHITA Tarou MAKISE Masakazu Zhen Wang	
2010/09/17	Temperature dependent performances of superconducting nanowire single-photon detectors in an ultralow-temperature region	Applied Physics Express	Vol.3 No.10 pp.102502-1–102502-3	YAMASHITA Tarou MIKI Shigehito Qiu Wei FUJIWARA Mikio SASAKI Masahide Zhen Wang	
2010/09/22	Real time monitoring of a fiber fuse using an optical time-domain reflectometer	Optics Express (OSA)	Vol.18 No.20 pp.21315–21321	Abedin Kazi Sarwar NAKAZAWA Masataka	
2010/09/26	Interconnection of Heterogeneous Knowledge Base and its Application on Knowledge Grid	Concurrency and Computation: Practice and Experience	Vol.23 No.9 pp.940–955	NAKANISHI Takafumi ZETTUSU Koji KIDAWARA Yutaka KIYOKI Yasushi	
2010/09/28	Distribution of donor states on etched surface of AlGaIn/GaN heterostructures	Journal of Applied Physics	Vol.108 No.63719 pp.1–6	HIGASHIWAKI Masataka Srabanti Chowdhury* Mao-Sheng Miao* Brian L. Swenson* Chris G. Van de Walle* Umesh K. Mishra*	
2010/09/30	AERO: Activity Extraction of a Home for Advance Context-Aware Home Services	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	Vol.56 No.3 pp.2011–2018	YAMAZAKI Tatsuya	
2010/09/30	Locator ID Separation for Mobility Management in the New Generation Network	Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications	Vol.1 No.2 pp.3–15	Ved Prasad Kafle INOUE Masugi	
2010/10/01	A novel stiffening factor inducing the stiffest state of holothurian catch connective tissue	Journal of Experimental Biology	Vol.213 No.20 pp.3416–3422	YAMADA Akira TAMORI Masaki* IKETANI Tomoaki* OIWA Kazuhiro MOTOKAWA Tatsuo*	
2010/10/01	Impact of Chip Duty Factor on DS, TH and DS-TH UWB Systems in Realistic Environment	IEICE Transactions on Fundamentals	Vol.E93-A No.10 pp.1716–1723	Sum Chin-Sean Lan Zhou Wang Junyi HARADA Hiroshi KATO Shuzo	

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2010/10/01	Coherent Synthesis of optical multilevel signals	IEEE Journal of Selected Topics in Quantum Electronics	Vol.16 No.5 pp.1140–1149	SAKAMOTO Takahide A. Chiba*	
2010/10/01	Development of the Measurement System for low and intermediate frequency magnetic field using Multiple Sensors	IEICE TRANSACTIONS on Electronics	Vol.J93-C No.10 pp.367–370	HOSONO Tomohito NOJIMA Tomoyuki WAKE Kanako FUJII Katsumi SAKAI Taiji WATANABE Soichi SUZUKI Yukihisa HASHIMOTO Osamu*	
2010/10/05	Photon level crosstalk between parallel fibers installed in urban area	Optics Express	Vol.18 No.21 pp.22199–22207	FUJIWARA Mikio MIKI Shigehito YAMASHITA Tarou Zhen Wang SASAKI Masahide	
2010/10/15	Object Manipulation Dialogue by Estimating Utterance Understanding Probability in a Robot Language Acquisition Framework	Journal of The Robotics Society of Japan	Vol.28 No.8 pp.978–988	SUGIURA Komei IWAHASHI Naoto KASHIOKA Hideki NAKAMURA Satoshi	
2010/11/01	Development of a 2D Communication Sensor Network Using a Single-Carrier Frequency for Both Power and Data Transmission	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E93-B No.11 pp.2945–2955	Zhang Bing OOTA Toshifumi Azman Osman LIM KADO Youichi	
2010/11/01	HumanBoost: Utilization of Users' Past Trust Decision for Identifying Fraudulent Websites	Journal of Intelligent Learning Systems & Applications	Vol.2 No.4 pp.190–199	MIYAMOTO Daisuke HAZEYAMA Hiroaki* KADOBAYASHI Youki	
2010/11/01	Kuroyuri: A Language Processing System for Network Experiment Description	Japan Society for Software Science and Technology	Vol.27 No.4 pp.43–57	CHINEN Kenichi MIYACHI Toshiyuki SHINODA Yoichi	
2010/11/01	Live Electrooptic Imaging of W-Band Waves	Joint special issue of IEEE Transactions on Microwave Theory and Techniques and IEEE/OSA Journal of Lightwave Technology	Vol.58 No.11 pp.3011–3021	TSUCHIYA Masahiro SASAGAWA Kiyotaka* KANNO Atsushi SHIOZAWA Takahiro*	
2010/11/08	Lower bound of energy dissipation in optical excitation transfer via optical near-field interactions	Optics Express	Vol.18 No.104 pp.A544–A553	NARUSE Makoto HORI Hirokazu* KOBAYASHI Kiyoshi* Petter Holmstrom* Lars Thylen* OHTSU Motoichi*	
2010/11/12	Demonstration of the transportation of a microwave environment over an optical IP network	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	Vol.58 No.11 pp.3237–3247	SHOJI Yozo TAKAYAMA Yoshihisa TOYOSHIMA Morio OHTA Hiroki	
2010/11/22	Monte Carlo Simulations of Electron Transport in In <sub>0.52</sub> Al <sub>0.48</sub> As/In <sub>0.75</sub> Ga <sub>0.25</sub> As High Electron Mobility Transistors at 300 and 16 K	Japanese Journal of Applied Physics (Regular paper)	Vol.49 No.11 p.114301	ENDOH Akira WATANABE Issei SHINOHARA Keisuke* AWANO Yuji* HIKOSAKA Kohki* MATSUI Toshiaki HIYAMIZU Satoshi* MIMURA Takashi	
2010/11/22	The observant mind:self-awareness of attentional status	Proceedings of the Royal Society of London, Series B	Vol.277 No.1699 pp.3421–3426	YAMAGISHI Noriko Stephen J.ANDERSON* KAWATO Mitsuo*	
2010/11/23	Effects of head motion and stereo viewing on perceived glossiness	Journal of Vision	Vol.10 No.9 pp.1–14	SAKANO Yuichi ANDO Hiroshi	
2010/11/25	Situation of UWB Radar Regulation in Japan	Transactions of the Society of Automotive Engineers of Japan	Vol.41 No.6 pp.1417–1419	HAMAGUCHI Kiyoshi KOHNO Ryuji*	
2010/11/29	Effects of oxidation on surface chemical states and barrier height of AlGaIn/GaN heterostructures	Applied Physics Letters	Vol.97 No.222104	HIGASHIWAKI Masataka Srabanti Chowdhury* Brian L. Swenson* Umesh K. Mishra*	
2010/11/30	Biomolecular design of an integrated software and hardware system for cryptography	Transactions of the Society of Instrument and Control Engineers	Vol.46 No.11 pp.730–732	HIRABAYASHI Miki KOJIMA Hiroaki OIWA Kazuhiro	
2010/12/01	On Communication and Interference Range of Multi-Gbps Millimeter-wave WPAN System	IEICE Transactions on Fundamentals	Vol.E93-A No.12 pp.2700–2703	Sum Chin-Sean SASAKI Shigenobu* HARADA Hiroshi	

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2010/12/01	Coexistence of Dynamic Spectrum Access Based Heterogeneous Networks	IEICE Transactions on Communications	Vol.E93-B No.12 pp.3293–3301	Sun Chen Demessie Yohannes Alemseged Tran Ha Nguyen HARADA Hiroshi	
2010/12/01	Bridging discrete and continuous variables in quantum information	Optics & Photonics News, December issue	Vol.21 No.12 p.46	Jonas Neergaard-Nielsen TAKEUCHI Makoto* WAKUI Kentaro TAKAHASHI Hiroki* HAYASAKA Kazuhiro TAKEOKA Masahiro SASAKI Masahide	
2010/12/01	A consideration on motion-image-quality improvement of LCDs and video systems	Journal of the SID	Vol.18 No.12 pp.1044–1050	KURITA Taiichirou	
2010/12/01	Two-Layered UWB Bandpass Filter with Transmission Zeros Using Cross Coupling	IEICE TRANSACTIONS on Electronics	Vol.J93-C No.12 pp.573–581	KURITA Daisuke Li Keren ARAKI Kiyomichi*	
2010/12/01	Acoustic analysis of the vocal tract during vowel production by finite-difference time-domain method	Journal of the Acoustical Society of America	Vol.128 No.6 pp.3724–3738	TAKEMOTO Hironori Parham Mokhtari KITAMURA Tatsuya*	
2010/12/10	Accurate Gain Determination of LPDA by Considering the Phase Center	IEICE Electronics Express	Vol.7 No.23 pp.1760–1765	HARIMA Katsushige	
2010/12/10	Visual Observations of Characteristic Behaviors of RF Waves in CRLH-TLs and Their Applications to Dispersion Characterization	IEEE Transactions on Microwave Theory and Techniques	Vol.58 No.12 pp.4094–4101	TSUCHIYA Masahiro HASHIBA Takahiro* SHIOZAWA Takahiro*	
2010/12/15	Ultrafast and Broadband Frequency Chirp Signal Generation Using High-Extinction-Ratio Optical Modulator	OPTICS LETTERS	Vol.35 No.24 pp.4160–4162	KANNO Atsushi HONDA Shinnosuke* YAMANAKA Ryuta SOTOBAYASHI Hideyuki KAWANISHI Tetsuya	
2010/12/22	Cerebellar internal models: implications for the dexterous use of tools	The cerebellum		IMAMIZU Hiroshi KAWATO Mitsuo*	
2010/12/23	Quantitative assessment of the probability forecast for the geomagnetic storm occurrence	Space Weather	Vol.8 No.S12007	TSUBOUCHI Ken KUBO Yuki	
2010/12/30	Prioritized Aggregation for Compressed Video Streaming on mmWave WPAN Systems	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS, COMMUNICATIONS AND COMPUTER SCIENCES	Vol.E93-A No.12 pp.2704–2707	Lan Zhou Sum Chin-Sean Wang Junyi HARADA Hiroshi KATO Shuzo	
2011/01/01	Virtual Segment: Store-Carry-Forward Relay-Based Support for Wide-Area Non-Real-Time Data Exchange	Elsevier-Simulation Modelling Practice and Theory	Vol.19 No.1 pp.30–46	YAMAMURA Shinya NAGATA Akira TSURU Masato* TAMURA Hitomi*	
2011/01/01	Phase-Interpolated Averaging for Analyzing Electroencephalography and Magnetoencephalography Epochs	IEEE Transactions on Biomedical Engineering	Vol.58 No.1 pp.71–80	MATANI Ayumu NARUSE Yasushi TERAZONO Yasushi* FUJIMAKI Norio MURATA Tsutomu	
2011/01/01	On-Demand Information Retrieval in Sensor Networks with Localised Query and Energy-Balanced Data Collection	Sensors	Vol.11 pp.341–361	Teng Rui Zhang Bing	
2011/01/01	Periodically Loaded Straight Wires for Radio Wave Transmission Control	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	Vol.59 No.1 pp.328–332	IIGUSA Kyouichi HARADA Hiroshi KATO Shuzo HIROKAWA Jiro* ANDO Makoto*	
2011/01/04	O-means : An Optimized Clustering Method for Analyzing Spam Based Attacks	IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences (Special Section on Cryptography and Information Security)	Vol.E94-A No.1 pp.245–254	Song Jung Suk INOUE Daisuke ETOU Masashi Kim Hyung Chan NAKAO Koji	
2011/01/12	Estimated accuracies of pure XH+ ( X :even isotopes of group II atoms) vibrational transition frequencies: Toward the test of the variance in mp/me	J. Phys. B:At. Mol. Opt. Phys.	Vol.44 No.25402	KAJITA Masatoshi ABE Minoru* HADA Masahiko* MORIWAKI Yoshiki*	
2011/01/12	Fabrication of two-dimensional Ta <sub>2</sub> O <sub>5</sub> photonic crystal slabs with ultra-low background emission toward highly sensitive fluorescence spectroscopy	Optics Express	Vol.19 No.2 pp.1422–1428	KAJI Takahiro YAMADA Toshiki UEDA Rieko Xingsheng Xu* OTOMO Akira	

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2011/01/15	Large-Scale Verb Entailment Acquisition from the Web	Journal of Information Processing Society of Japan	Vol.52 No.1 pp.293–307	HASHIMOTO Chikara TORISAWA Kentarou KURODA Kow* Stijn De Saeger MURATA Maki* KAZAMA Jun-ichi	
2011/01/21	Periodic black auroral patches at the dawnside dipolarization front during a substorm	Journal of Geophysical Research -Space Physics	Vol.116 A00118	SAKAGUCHI Kaori SHIOKAWA Kazuo* Eric Donovan* NAKAJIMA Akimitsu* HIRAKI Yasutaka* Torond Trondsen* Ferdinand Plaschke*	
2011/01/27	Vertical Connection from the Tropospheric Activities to the Ionospheric Longitudinal Structure Simulated by a New Earth's Whole Atmosphere-Ionosphere Coupled Model	Journal of Geophysical Research	Vol.116 A01316	JIN Hidekatsu MIYOSHI Yasunobu* FUJIWARA Hitoshi* SHINAGAWA Hiroyuki TERADA Kaori* TERADA Naoki* ISHII Mamoru OHTSUKA Yuichi* SAITO Akinori*	
2011/02/01	Proposal and Performance Evaluation for Novel GPS Receiver unit with Azimuth Limitation Ability - Lightweight, compact and economical method for pedestrians -	IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences	Vol.J94-A No.2 pp.95–111	TAKAHASHI Masato	
2011/02/01	Non-mechanical Compact Optical Transceiver for Optical Wireless Communications	Intech book, Advanced Trends in Wireless Communications	pp.339–350	TOYOSHIMA Morio TAKENAKA Hideki TAKAYAMA Yoshihisa	
2011/02/02	Fully automated VLBI analysis with c5++ for ultra-rapid determination of UT1	Earth, Planets and Space	Vol.62 No.12 pp.933–937	Hobiger Thomas OTSUBO Toshimichi SEKIDO Mamoru GOTO Tadahi KUBOOKA Toshihiro TAKIGUCHI Hiroshi	
2011/02/03	Effect of source-drain spacing on DC and RF characteristics of 45-nm-gate AlGaIn/GaN MIS-HEMTs	Electronics Letters	Vol.47 No.3 pp.211–212	YAMASHITA Yoshimi WATANABE Issei ENDO Akira HIROSE Nobumitsu MIMURA Takashi MATSUI Toshiaki	