

List of Published Presentation Papers (Mar. 2012– Jun. 2012)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	*outsiders
2012/03/01	Optical Packet & Circuit Integrated Network for Future Networks	IEICE Transactions on Communications	Vol.E95-B No.3 pp.714–722	HARAI Hiroaki	
2012/03/01	Orientation of a bacteriorhodopsin thin film deposited by dip coating technique and its chiral SHG as studied by SHG interference technique	Chemical Physics Letters	Vol.530 pp.113–119	YAMADA Toshiaki HARUYAMA Yoshihiro KASAI Katsuyuki TERUI Toshifumi TANAKA Shukichi KAJI Takahiro KIKUCHI Hiroshi* OTOMO Akira	
2012/03/01	Mosaic for multiple-reward environments	Neural Computation	Vol.24 No.3 pp.577–606	SUGIMOTO Norikazu HARUNO Masahiko DOYA Kenji* KAWATO Mitsuo*	
2012/03/02	Wireless Power Transmission via Sheet Medium Using Automatic Phase Adjustment of Multiple Inputs	IEEJ Transactions on Electronics, Information and Systems	Vol.132 No.3 pp.1–9	MATSUDA Takashi OHTA Toshifumi KADO Youiti Bing Zhang	
2012/03/05	Introducing Multi-ID and Multi-Locator Into Network Architecture	IEEE Communications Magazine	Vol.50 No.3 pp.104–110	Ved Prasad Kafle INOUE Masugi	
2012/03/15	Ionospheric Pc5 plasma oscillations observed by the King Salmon HF radar and their comparison with geomagnetic pulsations on the ground and in geostationary orbit	Journal of Geophysical Research -Space Physics	Vol.117 No.A03218	SAKAGUCHI Kaori NAGATSUMA Tsutomu OGAWA Tadahiko OBARA Takahiro* Oleg Troshichev*	
2012/03/15	A proposal of Communication System of Promoting Cultivating Vegetable	IPJSJ Transaction	Vol.2 No.1 pp.20–27	YAMANOUCHI Masato FUJIEDA Kei* SHIBAHARA Hayato* YASUZAWA Taro* SAJO Tetsutaro* HIROI Kei* SUNAHARA Hideki*	
2012/03/19	Operational condition for direct single-mode-fiber coupled free-space optical terminal under strong atmospheric turbulence	Optical Engineering	Vol.51 No.3 pp.1–7	ARIMOTO Yoshinori	
2012/03/23	Adaptable Access System: Pursuit of Ideal Future Access System Architecture	IEEE Network Magazine	Vol.26 No.2 pp.42–48	KURI Toshiaki HARAI Hiroaki WADA Naoya KAWANISHI Tetsuya HOSOKAWA Mizuhiko	
2012/03/28	Space Weather Monitoring and Forecasting Activity in NICT	Transaction of the Japan Society for Aeronautical and Space Sciences, Aerospace Technology Japan	Vol.10 No.ists28 pp.Tr_7–Tr_9	NAGATSUMA Tsutomu WATARI Shin-ichi MURATA Ken T.	
2012/04/01	Design and Implementation of IEEE 1900.4 Architecture using IMS Functionality	IEICE Transactions on Communications	Vol.E95-B No.4 pp.1266–1275	MURAKAMI Homare ISHIZU Kentaro Filin Stanislav HARADA Hiroshi HASEGAWA Mikio*	
2012/04/01	Short Round Sub-Linear Zero-Knowledge Argument for Linear Algebraic Relations	IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences	Vol.E95-A No.4 pp.776–789	Jae Hong SEO	
2012/04/01	Proposal and Implementation of a Robust Sensing Method for DVB-T Signal	IEICE Transactions on Communications	Vol.E95-B No.4 pp.1276–1285	Chunyi SONG Azizur Rahman HARADA Hiroshi	
2012/04/02	Combining sparseness and smoothness improves classification accuracy and interpretability	NeuroImage	Vol.60 No.2 pp.1550–1561	Matthew Joseph de Brecht YAMAGISHI Noriko	
2012/04/02	Fabrication Technology of Ruthenium Microelectrode Pattern for RF MEMS	IEEJ Transactions on Sensors and Micromachines	Vol.132 No.4 pp.71–76	MATSUMURA Takeshi ESASHI Masayoshi HARADA Hiroshi TANAKA Shuji	
2012/04/06	Relation between electromagnetic noise from LED light bulb and its impact on bit error rate performance of DTTB	IEICE Electronics Express	Vol.9 No.7 pp.666–672	Ifong Wu OHTA Hiroki GOTOH Kaoru ISHIGAMI Shinobu MATSUMOTO Yasushi	
2012/04/15	Joint Phrase Alignment and Extraction for Statistical Machine Translation	Journal of Information Processing	Vol.20 No.2 pp.512–523	Neubig Graham Pollitt WATANABE Taro SUMITA Eiichiro MORI Shinsuke* KAWAHARA Tatsuya*	
2012/04/18	Psychophysical evaluations of a current multi-view 3-D display: Its advantages in glossiness reproduction	Journal of the Society for Information Display	Vol.20 No.5 pp.286–292	SAKANO Yuichi ANDO Hiroshi	

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2012/04/18	Generation and Propagation of Common-Mode Currents in a Balanced Two-Conductor Line	IEEE Transactions on Electro-magnetic Compatibility	Vol.54 No.2 pp.466–473	SUGIURA Akira KAMI Yoshio*	
2012/04/19	Non-equilibrium Green's function calculation for GaN-based terahertz-quantum cascade laser structures	Journal of Applied Physics	Vol.111 No.8 pp.083105-1–083105-4	YASUDA Hiroaki Tillmann Kubis* HOSAKO Iwao HIRAKAWA K.*	
2012/05/01	RESULTS OF KIRARI OPTICAL COMMUNICATION DEMONSTRATION EXPERIMENTS WITH NICT OPTICAL GROUND STATION (KODEN) AIMING FOR FUTURE CLASSICAL AND QUANTUM COMMUNICATIONS IN SPACE	Acta Astronautica	Vol.74 pp.40–49	TOYOSHIMA Morio TAKENAKA Hideki SHOJI Yozo TAKAYAMA Yoshihisa KOYAMA Yoshisada KUNIMORI Hiroo	
2012/05/01	A Multipoint Remote Volume Communication System using 3D Visualization Parameters	IEICE Transactions on Information and Systems	Vol.J95-D No.5 pp.1160–1171	WATANABE Hidenobu YAMAMOTO Kazunori MURATA Ken T. KIMURA Eizen* WATARI Shin-ichi MURAYAMA Yasuhiro MIYACHI Hideo* OGINO Tatsuki* FUKAZAWA Keiichiro*	
2012/05/01	Recent technologies for precision antenna measurement of antenna factor and gain	IEICE Transactions on Communications	Vol.J95-B No.5 pp.618–626	FUJII Katsumi KUROKAWA Satoru*	
2012/05/01	Outdoor/Indoor Experiment on Simulating Interference Scenario for Frequency Sharing in Satellite/Terrestrial Integrated Mobile Communication System	IEICE Transactions on Communications	Vol.J95-B No.5 pp.677–688	MIURA Amane WATANABE Hiroshi* HAMAMOTO Naokazu TSUJI Hroyuki FUJINO Yoshiyuki SUZUKI Ryutarō	
2012/05/01	Topological Comparison of Brain Functional Networks and Internet Service Providers	IEICE Transactions on Communications	Vol.E95-B No.5 pp.1539–1546	Leibnitz Kenji SHIMOKAWA Tetsuya UMEHARA Hiroaki MURATA Tsutomu	
2012/05/01	Measurement and Validation of Transfer Impedance of IEC Calibration Current Target for Electrostatic Discharge Generators	IEEE Transactions on Fundamentals and Materials	Vol.132 No.5 pp.350–355	YAMANAKA Yukio ADACHI Takashi* ISHIGAMI Shinobu MORI Ikuko* TAKA Yoshinori* FUJIWARA Osamu*	
2012/05/01	Waveform Distortion of Discharge Rising Currents Caused by Built-In Inductor for Contact Discharges of Electrostatic Discharge Generators	IEEE Transactions on Fundamentals and Materials	Vol.132 No.5 pp.362–367	YAMANAKA Yukio TOYA Fumihiko* ISHIGAMI Shinobu FUJIWARA Osamu*	
2012/05/01	Stochastic processes in light-assisted nanoparticle formation	Applied Physics Letters	Vol.100 No.19 pp.193106-1–193106-5	NARUSE Makoto Yang Liu* Wataru Nomura* Takashi Yatsui* Masaki Aida* Laszlo B. Kish* Motoichi Ohtsu*	
2012/05/01	Vibration Mode Observation of Piezoelectric Disk-type Resonator by High Frequency Laser Doppler Vibrometer	Electronics and Communications in Japan	Vol.95 No.5 pp.33–41	MATSUMURA Takeshi ESASHI Masayoshi* HARADA Hiroshi TANAKA Shuji*	
2012/05/01	The eMOSAIC model for humanoid robot control	Neural Networks	Vol.29-30 pp.8–19	SUGIMOTO Norikazu Jun MORIMOTO* Sang-Ho HYON* Mitsuo KAWATO*	
2012/05/11	Meiosis-specific noncoding RNA mediates robust pairing of homologous chromosomes in meiosis	Science	Vol.336 No.6082 pp.732–736	Da-Qiao Ding OKAMASA Kasumi YAMANE Miho TSUTSUMI Chihiro HARAGUCHI Tokuko Masayuki Yamamoto* HIRAOKA Yasushi	
2012/05/11	Scintillation model of laser beam propagation in satellite-to-ground bidirectional atmospheric channels	Acta Astronautica	Vol.80 pp.58–64	TOYOSHIMA Morio SASAKI Takashi TAKENAKA Hideki TAKAYAMA Yoshihisa	
2012/05/23	Calculating the Fresnel diffraction of light from a shifted and tilted plane	Optics Express	Vol.20 No.12 pp.12949–12958	YAMAMOTO Kenji ICHIHASHI Yasuyuki SENOH Takanori OI Ryutarō KURITA Taiichiro	

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2012/05/25	Precise Modeling of Radio Propagation for Space Geodesy	The Geodetic Society of Japan	Vol.58 No.1 pp.1–8	Hobiger Thomas	
2012/05/31	The classification of Japanese evaluative expressions and the construction of a dictionary of attitudinal lexis: an interpretation from appraisal perspective	NINJAL Research Papers	Vol.3 pp.53–83	SANO Motoki	
2012/06/01	Gain Nonlinearity Calibration of Submillimeter Radiometer for JEM/SMILES	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	Vol.5 No.3 pp.962–969	OCHIAI Satoshi KIKUCHI Ken-ichi NISHIBORI Toshiyuki* MANABE Takeshi*	
2012/06/01	Relation between impulsiveness correction factor and amplitude probability distribution of impulsive interference for estimating its impact on communication systems	IEICE Communications Express	Vol.1 No.1 pp.10–15	MATSUMOTO Yasushi	
2012/06/01	X-ray diffraction recording from single axonemes of eukaryotic flagella	Journal of Structural Biology	Vol.178 No.3 pp.329–337	NISHIJURA Masaya TOBA Shiori* TAKAO Daisuke* MIYASHIRO Daisuke* SAKAKIBARA Hitoshi MATSUO Tatsuhito* KAMIMURA Shinji* OIWA Kazuhiro YAGI Naoto* IWAMOTO Hiroyuki*	
2012/06/01	Design and evaluation of sub-millimeter epitaxial NbN/MgO/NbN-SIS mixers	The Japan Society of Infrared Science and Technology	Vol.22 No.1 pp.92–96	KAWAKAMI Akira TAKEDA Masanori* UZAWA Yoshinori* Zhen Wang	
2012/06/01	Japanese argument reordering based on dependency structure for statistical machine translation	IEICE Transactions on Information and Systems	Vol.E95-D No.6 pp.1668–1675	GOH Chooi Ling WATANABE Taro SUMITA Eiichiro	
2012/06/11	Energy dissipation in energy transfer mediated by optical near-field interactions and their interfaces with optical far-fields	Applied Physics Letters	Vol.100 No.24 pp.24112-1–24112-4	NARUSE Makoto Petter Holmstrom* Tadashi Kawazoe* AKAHANE Kouichi YAMAMOTO Naokatsu Lars Thylen* Motoichi Ohtsu*	
2012/06/15	Ultrahigh-sensitivity infrared detection system using an InGaAs p-i-n photodiode with low dielectric polarization noise	Optics Letters	Vol.37 No.12 pp.2235–2237	AKIBA Makoto KANAI Yoshikazu*	
2012/06/28	Accuracy estimations of overtone vibrational transition frequencies of optically trapped $^{174}\text{Yb}^6\text{Li}$ molecules	Physical Review A	Vol.85 pp.062519-1–062519-8	KAJITA Masatoshi Geetha Gopakumar* ABE Minoru* HADA Masahiko*	