

## List of Published Presentation Papers (Mar.2007—May 2007)

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Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2007/03/01	A Reservation-Based Enhancement of IEEE 802.11 DCF Protocol	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E90-B pp.538-548	Shirazi N/Mahdad Oyunchimeg Shagdar* Suhua Tang* NOZAKI Masanori* KADO Yoichi Bing Zhang
2007/03/01	Ultralow-noise readout circuit with an avalanche photodiode: toward a photon-number resolving detector	APPLIED OPTICS	Vol.46 No.7 pp.1009-1014	TSUJINO Kenji AKIBA Makoto SASAKI Masahide
2007/03/01	Quantum information technology and energy consumption	The Institute of Electronics, Information and Communication Engineers	Vol.90 No.3 pp.220-225	SASAKI Masahide
2007/03/01	Development of a 2.45-GHz Local Exposure System for In Vivo Study on Ocular Effects	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	Vol.55 No.3 pp.588-596	WAKE Kanako Hiroyuki Hongo* WATANABE Soichi KITA Masao KAMIMURA Yoshitsugu* NAKAYAMA Yukio UNO Toru* KOJIMA Masami* HATA Ikuho* SASAKI Kazuyuki*
2007/03/01	Reconstruction of printed image using electromagnetic disturbance from laser printer	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E90-B No.3 pp.711-715	TOHSAKA Toshihide TAIRA Kazumasa YAMANAKA Yukio FUKUNAGA Kaori NIITAKA Atsuihiro HATTORI Mitsuo
2007/03/08	Effects of humidity and temperature on space charge distribution profiles in printed circuit board insulations	Japan Institute of Electronics Packaging	Vol.10 No.2 pp.148-151	ECHIGO Yasutsune TANAKA Hidesato FUKUNAGA Kaori OKAMOTO Kenji* MAENO Takashi OHKI Yoshimichi*
2007/03/15	Tunable All-Optical Wavelength Conversion of 160 Gbit/s RZ Optical Signals by Cascaded SFG-DFG Generation in PPLN Waveguide	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.19 No.6 pp.384-386	FURUKAWA Hideaki Ampalavanapillai Nirmalathas* WADA Naoya SHINADA Satoshi TSUBOYA Hiroshi* MIYAZAKI Tetsuya
2007/03/25	A digital broadcasting experiment using an autonomous stationary-keeping airship	The Institute of Image Information and Television Engineers	Vol.61 No.4 pp.533-542	NAGATSUKA Mamoru SUZUKI Mikio MIURA Ryu
2007/04/01	Thermal stability of Ti/Pt/Au ohmic contacts for cryogenically cooled InP-based HEMTs on (411)A-oriented substrates by MBE	JOURNAL OF CRYSTAL GROWTH	Vol.2007 No.301-302 pp.1025-1029	WATANABE Issei SHINOHARA Keisuke KITADA Takahiro* SHIMOMURA Satoshi* ENDO Akira* YAMASHITA Yoshimi* MIMURA Takashi HIYAMIZU Satoshi* MATSUI Toshiaki
2007/04/01	Classical first-order logic with strong negation and classical negation	The Institute of Electronics, Information and Communication Engineers	Vol.J90-D No.4 pp.1031-1042	KANEIWA Ken
2007/04/11	Ultrafast nonlinear optical response of weakly confined excitons in GaAs thin films	physica status solidi c	Vol.4 No.5 pp.1731-1734	KOJIMA Osamu ISU Toshiro* HAYASE Junko SASAKI Masahide TSUCHIYA Masahiro
2007/04/20	Bilateral long-range interaction between right and left visual hemifield	VISION RESEARCH	Vol.47 pp.1490-1503	TANAKA Yasuto MISAKI Masaya MIYAUCHI Satoru
2007/05/01	Prompt derivation of TEC from GEONET data for space weather monitoring in Japan	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL	Vol.69 No.7 pp.803-816	MIYAKE Wataru
2007/05/01	Molecular Computation and Evolutionary Wetware: A Cutting-Edge Technology for Artificial Life and Nanobiotechnologies	PHYSICS IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART C-APPLICATIONS	Vol.37 No.3 pp.325-336	Liu Jian-Qin SHIMOHARA Katsunori*
2007/05/15	Real-life experiments of the dialogue robot in the home ubiquitous environment and an evaluation of the dialogue strategy	AND REVIEWS Information Processing Society of Japan	Vol.48 No.5 pp.2023-2031	KOBAYASHI Akihiro UEDA Hirotada* SATAKE Junji CHIKAMA Masaki KIDODE Masatsugu*
2007/05/23	Feature-specific interactions in salience from combined feature contrasts: Evidence for a bottom-up saliency map in V1	JOURNAL OF VISION	Vol.7 No.7 pp.1-14	Ansgar KOENE Li ZHAOPING*

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2007/05/24	Conditions for intense ionospheric storms expanding to lower midlatitudes	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.112 No.A05310 pp.1-9	MARUYAMA Takashi NAKAMURA Maho
2007/05/24	Brownian motion, fluctuation and life	BIOSYSTEMS	Vol.88 pp.228-242	YANAGIDA Toshio UEDA Masahiro* MURATA Tsutomu Esaki Seiji* Ishii Yoshiharu*