

List of Published Presentation Papers (Jun.2008—Aug.2008)

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Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2008/06/01	Localization Model of Synthesized Sound Image Using Precedence Effect in Sound Field Reproduction Based on Wave Field Synthesis	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	E91-A No.6 pp.1310-1319	KIMURA Toshiyuki YAMAKATA Yoko KATSUMOTO Michiaki KAKEHI Kazuhiko*
2008/06/01	Widely repetition-tunable 200fs pulse source using a Mach-Zehnder-modulator-based flat comb generator and dispersion-flattened dispersion-decreasing fiber	OPTICS LETTERS	Vol.33 No.11 pp.1192-1194	MOROHASHI Isao SAKAMOTO Takahide SOTOBAYASHI Hideyuki KAWANISHI Tetsuya HOSAKO Iwao TSUCHIYA Masahiro
2008/06/01	A Method for Converting Amplitude Probability Distribution of Disturbance from One Measurement Frequency to Another	IEICE TRANSACTIONS ON COMMUNICATIONS	E91-B No.6 pp.2010-2019	MATSUMOTO Yasushi GOTO Kaoru SHINOZUKA Takashi*
2008/06/01	Simultaneous measurement of antenna gain and complex permittivity of liquid in Fresnel region and evaluation methodology of uncertainty	IEICE TRANSACTIONS ON COMMUNICATIONS	E91-B No.6 pp.1831-1837	ISHII Nozomu SHIGA Hiroki* IKARASHI Naoto* SATO Ken-ichi* HAMADA Rira WATANABE Soichi
2008/06/01	Large-amplitude coherent-state superposition generated by a time-separated two-photon subtraction from a continuous-wave squeezed vacuum	PHYSICAL REVIEW A	Vol.77 No.62315 pp.1-9	TAKEOKA Masahiro TAKAHASHI Hiroki SASAKI Masahide
2008/06/01	Technique for Antenna Calibration in Random Electric Fields	IEICE TRANSACTIONS ON COMMUNICATIONS	E91-B No.6 pp.1838-1841	HARIMA Katsushige
2008/06/02	Infrared frequency standard using electrically trapped molecules	PHYSICAL REVIEW A	Vol.77 No.54502 pp.1-4	KAJITA Masatoshi
2008/06/10	Progress and prospects in the PEA space charge measurement techniques	IEEE ELECTRICAL INSULATION MAGAZINE	Vol.24 No.3 pp.26-37	FUKUNAGA Kaori
2008/06/13	Polarization in optical near and far fields and its relation to shape and layout of nanostructures	JOURNAL OF APPLIED PHYSICS	Vol.103 No.113525 pp.1-8	NARUSE Makoto YATSUI T.* HORI H.* YASUI M.* OHTSU M.*
2008/06/15	Machine-Learning-Based Transformation of Japanese Passive Sentences into Active by Separating Training Data into Each Input Particle	The Institute of Systems, Control and Information Engineers	Vol.21 No.6 pp.165-175	MURATA Masaki KANEMARU Toshiyuki* SHIRADO Tamotsu ISAHARA Hitoshi
2008/06/23	High-speed all-optical modulation using an InGaAs/AlAsSb quantum well waveguide	OPTICS EXPRESS	Vol.16 No.13 pp.9684-9690	Abedin Kazi Sarwar MIYAZAKI Tetsuya Lu Guo-Wei AKIMOTO Ryoichi* ISHIKAWA Hiroshi*
2008/06/23	Frequency Measurement of the Optical Clock Transition of 40Ca^+ Ions with an Uncertainty of 10^{-14} Level	Japan Society of Applied Physics	Vol.1 No.67011 pp.1-3	MATSUBARA Kensuke HAYASAKA Kazuhiro Li Ying ITO Hiroyuki NAGANO Shigeo KAJITA Masatoshi HOSOKAWA Mizuhiko
2008/06/24	Superfocusing modes of surface plasmon polaritons in a wedge-shaped geometry obtained by quasi-separation of variables	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	Vol.41 No.295401 pp.1-48	KURIHARA Kazuyoshi YAMAMOTO Kazuhiro TAKAHARA Junichi* OHTOMO Akira
2008/06/27	Scale-dependent Optical Near-fields in InAs Quantum Dots and their Application to Non-pixelated Memory Retrieval	Applied Physics Express	Vol.1 No.72101 pp.1-3	NARUSE Makoto NISHIBAYASHI Kazuhiro* KAWAZOE Tadashi* AKAHANE Koichi YAMAMOTO Naokatsu OHTSU Motoichi*
2008/06/27	Effects of Si Deposition on AlGaN Barrier Surfaces in GaN Heterostructure Field-Effect Transistors	Applied Physics Express	Vol.1 No.71101 pp.1-3	ONOJIMA Norio HIROSE Nobumitsu MIMURA Takashi MATSUI Toshiaki*
2008/06/30	Temporally multiplexed superposition states of continuous variables	PHYSICAL REVIEW A	Vol.77 No.63840 pp.1-11	SASAKI Masahide TAKEOKA Masahiro TAKAHASHI Hiroki
2008/07/01	Study on astigmatism compensation for electronic holography	The Institute of Image Information and Television Engineers	Vol.62 No.7 pp.1127-1131	SENOO Takanori MISHINA Tomoyuki OKUI Makoto

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2008/07/01	Simultaneous Design Method of the Sensory Morphology and Controller of Mobile Robots	The Institute of Electrical Engineers of Japan	Vol.128-C No.7 pp.1154-1161	SUGIURA Komei KAWAKAMI Hiroshi* KATAI Osamu*
2008/07/01	Reducing of interference between elemental images during integral photography pickup suitable for producing holograms	The Institute of Image Information and Television Engineers	Vol.62 No.7 pp.1132-1137	MISHINA Tomoyuki YAMAMOTO Kenji OHI Ryutarō OKUI Makoto
2008/07/01	Spectral Width Dependence of Residual Carrier Effect on Nonlinear Optical Response of Weakly Confined Excitons	physica status solidi (c), WILEY-VCH Verlag GmbH	Vol.5 No.9 pp.2858-2860	KOJIMA Osamu ISU Toshiro* HAYASE Junko SASAKI Masahide KANNO Atsushi Redouane Katouf TSUCHIYA Masahiro
2008/07/01	All-optical Phase Multiplexing from pi/2-shifted DPSK-WDM to DQPSK using Four-Wave Mixing in Highly Nonlinear Fiber	IEICE TRANSACTIONS ON ELECTRONICS	E91-C No.7 pp.1121-1128	Lu Guo-Wei Abedin Kazi Sarwar MIYAZAKI Tetsuya
2008/07/07	Linewidth-tolerant 10-Gbit/s 16-QAM transmission using a pilot-carrier based phase-noise cancelling technique	OPTICS EXPRESS	Vol.16 No.14 pp.10611-10616	NAKAMURA Moriya KAMIO Yukiyo MIYAZAKI Tetsuya
2008/07/08	Ultrathin MgB ₂ films fabricated by the co-evaporation method at high Mg evaporation rates	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	Vol.21 No.95009 pp.1-4	SHIMAKAGE Hisashi TATSUMI Masahiro* Zhen Wang
2008/07/13	Color correction for multi-view video using energy minimization of view networks	International Journal of Automation and Computing	Vol.5 No.3 pp.234-245	YAMAMOTO Kenji OHI Ryutarō
2008/07/15	Photon number detector	The Laser Society of Japan	Vol.36 No.7 pp.410-414	FUJIWARA Mikio SASAKI Masahide MIKI Shigehito Zhen Wang
2008/07/15	Generation of non-gaussian quantum state of light	The Laser Society of Japan	Vol.36 No.7 pp.415-420	WAKUI Kentarō
2008/07/21	Field trial of 160 Gbit/s DWDM-based optical packet switching and transmission	OPTICS EXPRESS	Vol.16 No.15 pp.11487-11495	FURUKAWA Hideaki WADA Naoya AWAJI Yoshinari MIYAZAKI Tetsuya Eddie Kong* Peter Chan* Ray Man* Gabriella Cincotti* KITAYAMA Ken-ichi*
2008/07/23	Dual-Doppler lidar observation of horizontal convective rolls and near-surface streaks	GEOPHYSICAL RESEARCH LETTERS	Vol.35 No.L14808 pp.1-5	IWAI Hironori ISHII Shoken TSUNEMATSU Nobumitsu MIZUTANI Kohei MURAYAMA Yasuhiro ITABE Toshikazu YAMADA Izumi* MATAYOSHI Naoki* MATSUSHIMA Dai* Sha Weiming* YAMAZAKI Takashi* IWASAKI Toshiki*
2008/07/25	Simple, low fluctuation voltage signal generation for 8-Gb/s quadrature amplitude modulation using dual-parallel Mach-Zehnder modulator	IEICE Electronics Express	Vol.5 No.14 pp.497-502	CHIBA Akito SAKAMOTO Takahide KAWANISHI Tetsuya IZUTSU Masayuki*
2008/07/29	Optical reduction of low frequency noise in cryogenic GaAs junction field effect transistor	APPLIED PHYSICS LETTERS	Vol.93 No.43503 pp.1-3	FUJIWARA Mikio NAGATA H.* MATSUO H.* SASAKI Masahide
2008/08/04	Constrained simultaneous algebraic reconstruction technique (C-SART) -a new and simple algorithm applied to ionospheric tomography	EARTH PLANETS AND SPACE	Vol.60 No.7 pp.727-735	Hobiger Thomas KONDO Tetsuro KOYAMA Yasuhiro
2008/08/05	Imaging observations of nighttime mid-latitude F-region field-aligned irregularities by an MU radar ultra-multi-channel system	ANNALES GEOPHYSICAE	Vol.26 No.8 pp.2345-2352	SAITO Susumu Yamamoto M.* Hashiguchi H.*
2008/08/06	Combination of accurate atomic and molecular transition frequencies for sensitive detection of the mp/me variance	PHYSICAL REVIEW A	Vol.78 No.24101 pp.1-3	KAJITA Masatoshi
2008/08/08	Narrow-Line and Frequency Tunable Diode Laser System for S-D Transition of Ca ⁺ Ions	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.47 No.8 pp.6327-6332	Li Ying NAGANO Shigeo MATSUBARA Kensuke ITO Hiroyuki KAJITA Masatoshi HOSOKAWA Mizuhiko
2008/08/21	Real-time terahertz imaging for art conservation science	Journal of the European Optical Society, Rapid Publications	Vol.3 No.8027 pp.1-4	FUKUNAGA Kaori SEKINE Norihiko HOSAKO Iwao ODA Naoki* YONEYAMA H.* SUDDO H.T.*