

List of Published Presentation Papers (Sep.2005—Nov.2005)

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Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2005/09/01	RF-CMOS Implementation of UWB Transceivers and its Application to Video Transmission	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	E88-A No.9 pp.2279-2286	KASAMATSU Akifumi TANAKA Akio* Kodama Hiroshi* TANOI Satoshi* KAIZUKA Yasuhiro* TANAKA Juichi* HAGIO Masami* KURAIISHI Yoshiaki* Li Keren UTAGAWA Hitoshi MATSUI Toshiaki KOHNO Ryuji
2005/09/01	Low-Complexity Viterbi Equalizer for MBOK DS-UWB Systems	IEICE TRANSACTIONS ON COMMUNICATIONS	E88-A No.9 pp.2350-2355	TAKIZAWA Ken-ichi KOHNO Ryuji
2005/09/01	An analytical method for determining the optimal modulating waveform for dithered clock generation	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY	Vol.47 No.3 pp.577-584	MATSUMOTO Yasushi FUJII Katsumi* SUGIURA Akira*
2005/09/01	Modeling of user preferences for news portal site system based on article impressions and interest	Information Technology Letters	Vol.4 No.4 pp.65-68	KAWAI Yukiko KUMAMOTO Tadahiko TANAKA Katsumi
2005/09/01	Nanophotonic computing based on optical near-field interactions between quantum dots	IEICE TRANSACTIONS ON ELECTRONICS	E88-C No.9 pp.1817-1823	NARUSE Makoto MIYAZAKI Tetsuya KAWAZOE Tadashi* SANGU Suguru* KOBAYASHI Kiyoshi* KUBOTA Fumito OTSU Motoichi*
2005/09/01	Context-based network and application management system for seamless services in heterogeneous networks	Information Processing Society of Japan	Vol.46 No.9 pp.2236-2249	INOUE Masugi Khaled Mahmud* MURAKAMI Homare HASEGAWA Mikio MORIKAWA Hiroyuki
2005/09/01	Discrimination of quantum states with linear optics and continuous photon counting	OPTICS AND SPECTROSCOPY	Vol.99 No.3 pp.418-424	TAKEOKA Masahiro
2005/09/01	120-nm-T-shaped-Mo/Pt/Au-gate AlGaIn/GaN high electron mobility transistors	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	Vol.23 No.5 L13-L15	YAMASHITA Yoshimi ENDO Akira IKEDA Keiji HIKOSAKA Koki MIMURA Takashi HIGASHIWAKI Masataka MATSUI Toshiaki HIYAMIZU Satoshi*
2005/09/01	MU decomposition from multi-channel surface EMG signals using blind deconvolution	The Institute of Electronics, Information and Communication Engineers	J88-D-II No.9 pp.1963-1970	MAEKAWA Satoshi ARIMOTO Takahiko* KOTANI Manabu*
2005/09/15	TERAHERTZ ELECTROLUMINESCENCE FROM A GaSb/AlSb QUANTUM CASCADE LASER	ELECTRONICS LETTERS	Vol.41 No.19 pp.1062-1063	YASUDA Hiroaki HOSAKO Iwao MIYASHITA Sen Patrashin Mikhail
2005/10/01	Crystallinity and superconductivity of as-grown MgB2 thin films with AlN buffer layers	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	426-431 pp.1464-1468	TSUJIMOTO Kazuya SHIMAKAGE Hisashi Wang Zhen KAYA Nobuyuki*
2005/10/01	Context-based Network and Application Management on Seamless Networking Platform	WIRELESS PERSONAL COMMUNICATIONS	Vol.26 pp.53-70	INOUE Masugi Khaled Mahmud* MURAKAMI Homare HASEGAWA Mikio MORIKAWA Hiroyuki
2005/10/01	Error calibration of rotary-baseline radio interferometer	The Institute of Electronics, Information and Communication Engineers	Vol.88 No.10 pp.2101-2104	KAWASE Seiichiro
2005/10/01	Accuracy of two-way satellite time and frequency transfer via non-geostationary satellites	Metrologia	Vol.42 No.5 pp.344-350	YOKOTA Shoichiro TAKAHASHI Yasuhiro FUJIEDA Miho AMAGAI Jun KIMURA Kazuhiro HAMA Shin-ichi
2005/10/01	Info-communications at the quantum level	Information Processing Society of Japan	Vol.46 No.10 pp.2417-2428	SASAKI Masahide FUJIWARA Mikio TAKEOKA Masahiro
2005/10/01	Development of Ultra-Wideband Short-Range Impulse Radar System for Vehicular Applications	IEICE TRANSACTIONS ON ELECTRONICS	E88-C No.10 pp.1922-1931	HAMAGUCHI Kiyoshi OGAWA Hiroyo KOBAYASHI Takehiko KOHNO Ryuji

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2005/10/01	Initial growth stage of GaSb on Si(001) substrates with AlSb initiation layers	JOURNAL OF CRYSTAL GROWTH	Vol.283 pp.297-302	AKAHANE Koichi YAMAMOTO Naokatsu GOZU Shin-ichiro UETA Akio OTANI Naoki*
2005/10/01	Development of a Cascadable Passing Through Precision UDP Time-Stamping Device	The Institute of Electronics, Information and Communication Engineers	J88-B No.10 pp.2002-2011	MACHIZAWA Akihiko TORIYAMA Hiroshi IWAMA Tsukasa KANEKO Hiroaki
2005/10/01	Millimeter-wave high-speed spot communication system using radio-over-fiber technology	IEICE TRANSACTIONS ON ELECTRONICS	E88-C No.10 pp.1932-1938	SATO Katsuyoshi FUJISE Masayuki SHIMIZU Satoru* NISHI Seiji*
2005/10/01	Insulator layer formation in MgB2 SIS junctions	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	426-431 pp.1469-1473	SHIMAKAGE Hisashi TSUJIMOTO Kazuya Wang Zhen TONOUCHI Masayoshi*
2005/10/01	An Improved FDTD Formulation for High-Order Linear Circuit Based on Matrix Theory and Improved Integral Transform	IEICE TRANSACTIONS ON ELECTRONICS	E88-C No.10 pp.1915-1921	Shao Zhenhai FUJISE Masayuki
2005/10/01	Seasonal Variations of CO and HCN in the Troposphere Measured by Solar Absorption Spectroscopy Over Poker Flat, Alaska	GEOPHYSICAL RESEARCH LETTERS	Vol.32 L19812 pp.1-4	KASAI Yasuko KAGAWA Akiko Nicholas Jones* FUJIWARA Akimitsu* SEKI Koji* MURAYAMA Yasuhiro Frank Murcraey*
2005/10/01	A Virtual MAC Address Scheme for Mobile Ethernet	Wireless Personal Communications Publisher: Springer Science+Business Media B.V., Formerly Kluwer Academic Publishers B.V.	Vol.35 pp.99-109	SAITO Yoshia KURODA Masahiro MIZUNO Tadanori*
2005/10/03	Optical minimum-shift keying with external modulation scheme	OPTICS EXPRESS	Vol.13 No.20 pp.7741-7747	SAKAMOTO Takahide KAWANISHI Tetsuya IZUTSU Masayuki
2005/10/03	All-optical modulation format conversion from frequency-shift-keying to phase-shift-keying	OPTICS EXPRESS	Vol.13 No.20 pp.8038-8044	KAWANISHI Tetsuya SAKAMOTO Takahide IZUTSU Masayuki
2005/10/12	Inequalities for experimental tests of the Kochen-Specker theorem	JOURNAL OF MATHEMATICAL PHYSICS	Vol.46 No.102101 pp.1-20	NAGATA Koji
2005/10/13	Radar observations of field-aligned plasma irregularities in the SEEK-2 campaign	ANNALES GEOPHYSICAE	Vol.23 No.7 pp.2307-2318	SAITO Susumu YAMAMOTO Mamoru* FUKAO Shoichiro* MARUMOTO M* R. T. Tsunoda*
2005/10/20	Prospect of optical frequency standard based on a $^{43}\text{Ca}^+$ ion	PHYSICAL REVIEW A	Vol.72 No.43404 pp.1-7	KAJITA Masatoshi Li Ying MATSUBARA Kensuke HAYASAKA Kazuhiro HOSOKAWA Mizuhiko
2005/11/01	Observation on the Sea-Ice Thickness in the Sea of Okhotsk by using Dual-Frequency and Fully Polarimetric airborne SAR (Pi-SAR) data	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Vol.43 No.44 pp.2460-2469	NAKAMURA Kazuki WAKABAYASHI Hiroyuki* NAOKI Kazuhiro* NISHIO Fumihiko* MORIYAMA Toshifumi URATSUKA Seiho
2005/11/01	Longitudinal Structure of the Equatorial Anomaly in the Nighttime Ionosphere Observed by IMAGE/FUV	JOURNAL OF GEOPHYSICAL RESEARCH	Vol.110 A11302 pp.1-10	SAGAWA Eiichi T.J. Immel* H.U. Frey* S.B. Mende*
2005/11/01	Magnetosheath variations during the storm main phase on November 20, 2003: Evidence for solar wind density control of energy transfer to the magnetosphere	GEOPHYSICAL RESEARCH LETTERS	Vol.32 L211081 pp.1-4	KATAOKA Ryuho D. H. Fairfield* D. G. Sibeck* L. Rastaetter* M-C. Fok* NAGATSUMA Tsutomu EBIHARA Yusuke*
2005/11/01	Magnetosheath variations during the storm main phase on 20 November 2003: Evidence for solar wind density control of energy transfer to the magnetosphere	GEOPHYSICAL RESEARCH LETTERS	Vol.32 L21108 pp.1-4	KATAOKA Ryuho D. H. Fairfield* D. G. Sibeck* L. Rastatter* M.-C. Fok* NAGATSUMA Tsutomu EBIHARA Yusuke*
2005/11/01	The GIS for improveing accessibility of routes and areas, and its practical use by community of residents	Human Interface Society	Vol.7 No.4 pp.47-60	YAIRI Ikuko NARA Hiroyuki* IGI Seiji

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2005/11/01	Ground-Based Measurement of strato-mesospheric CO by a FTIR spectrometer over Poker Flat, Alaska	ADVANCES IN SPACE RESEARCH	Vol.35 No.11 pp.2024-2030	KASAI Yasuko KOSHIRO Tsuyoshi* M. Endo* N. B. Jones* MURAYAMA Yasuhiro
2005/11/01	LOW-ENERGY/HIGH-CHARGE-STATE IONS IN THE POLAR IONOSPHERE OBSERVED BY AKEBONO/SMS	ADVANCES IN SPACE RESEARCH	Vol.36 pp.1767-1771 Vol.87	SAGAWA Eiichi WATANABE Shigeaki WATABE Shigeaki*
2005/11/07	Photonic Crystal Template for Organic Solid-state Laser	APPLIED PHYSICS LETTERS	No.191101 pp.1-3	YOKOYAMA Shiyoshi NAKAHAMA Tatsuo MASHIKO Shinro NAKAO Masashi* YAMADA Motohiro* NISHIO Kazuyuki* MASUDA Hideki*
2005/11/10	Enabling techniques for asynchronous coherent OCDMA	Proceedings of SPIE	Vol.6021 60212Z pp.1-15	Wang Xu WADA Naoya Ken-ichi. Kitayama*
2005/11/14	Hierarchy in optical near-fields and its application to memory retrieval	OPTICS EXPRESS	Vol.13 No.23 pp.9265-9271	NARUSE Makoto YASUI Takashi* NOMURA Wataru* HIROSE Nobuaki* OTSU Motoichi*
2005/11/15	Ultrafast Pulse Retiming using Cross-Phase Modulation in an Anomalous-Dispersion Polarization-Maintaining Fiber	OPTICS LETTERS	Vol.30 No.22 pp.2979-2981	Abedin Kazi Sarwar
2005/11/24	On the correlation of the solar wind observed at the L5 point and at the earth	ADVANCES IN SPACE RESEARCH	Vol.36	MIYAKE Wataru SAITO Yoshifumi* HAYAKAWA Hajime* MATSUOKA Ayako*
2005/11/25	Asymmetric sub-reflectors for spherical antennas and interferometric observations with an FPGA-Based correlator	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN	Vol.57 No.5 pp.815-820	TAKEUCHI Hiroshi KUNIYOSHI Masaya* DAISHIDO Tsuneaki* ASUMA Kuniyuki* MATSUMURA Nobuyuki* TAKEFUJI Kazuhiro* NIINUMA Koutaro* ICHIKAWA Hajime* OKUBU Riki* SAWANO Akihiro* Yoshimura Naoya* Fujii Fumiyuki* Nizuno Keiju* Akamine Yukinori