

**List of Published Presentation Papers ( Dec.2001 Feb.2002 )**

\* outsiders

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter
2001/12/01	High latitude Pi3 pulsation observed by the EISCAT VHF radar	ADVANCES IN SPACE RESEARCH	Vol.28 No.7 pp1093-1096	NAGATSUMA Tsutomu NOZAWA S.* S.C.Buchert* FUJII R.*
2001/12/01	CRL/NASDA airborne SAR (Pi-SAR) observations of sea ice in the Sea of Okhotsk	ANNALS OF GLACIOLOGY	Vol.33 pp115-119	MATSUOKA Takeshi URATSUKA Seiho SATAKE Makoto KOBAYASHI Tatsuharu NADAI Akitsugu UMEHARA Toshihiko MAENO Hideo WAKABAYASHI Hiroyuki* NAKAMURA Kazuki* NISHIO Fumihiko*
2001/12/01	Large Enhancement of the Outer Belt Electrons during Magnetic Storms	EARTH PLANETS AND SPACE	Vol.53 No.12 pp1163-1170	OBARA Takahiro MIYOSHI Yoshizumi* MORIOKA Akira*
2001/12/01	Application of an MHD simulation to the study of substorms	ADVANCES IN SPACE RESEARCH	Vol.28 No.12 pp1693-1699	TANAKA Takashi
2001/12/01	Experimental Plan for Time Comparison Equipment for ETS- Satellite (in Japanese)	THE TRANSACTIONS OF THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS B	Vol.J84-B No.12 pp2101-2107	TAKAHASHI Yasuhiro IMAE Michito KIUCHI Hitoshi HOSOKAWA Mizuhiko AIDA Masanori GOTOH Tadahiro NODA Hiroyuki* HAMA Shinichi* KOZONO Shin-ichi*
2001/12/01	High-resolution atomic channeling using velocity-selected atomic beam	APPLIED PHYSICS B-LASERS AND OPTICS	Vol.73 No.7 pp647-651	OOMUKAI Ryuuzou URABE Shinji* WATANABE Masayoshi
2001/12/01	The Bastille Day (14 July 2000) event in historical large Sun-Earth connection events	SOLAR PHYSICS	Vol.204 No.1-2 pp423-436	WATARI Shin-ichi KUNITAKE Manabu WATANABE Takashi*
2001/12/01	Incoherent-to-coherent conversion and image reconstruction for a white-light image (in Japanese)	THE REVIEW OF LASER ENGINEERING	Vol.29 No.12 pp808-811	Zhang Jiasen Wang Huitian* YOSHIKADO Shin ARUGA Tadashi
2001/12/01	BAF is required for emerin assembly into the reforming nuclear envelope	JOURNAL OF CELL SCIENCE	Vol.114 pp4575-4585	HARAGUCHI Tokuko KOUJIN Naoko Miriam Segura* Kenneth K. Lee* MATSUOKA Yosuke* YONEDA Yoshihiro* Katherine L. Wilson* HIRAOKA Yasushi
2001/12/01	Communications Satellite R&D for Next 30 Years	SPACE COMMUNICATIONS	Vol.17 No.4 pp271-277	IIDA Takashi SUZUKI Yoshiaki
2001/12/01	Potential-Function Guidance Forming Eccentricity Separation of Satellites with Continuous Thrust (in Japanese)	JOURNAL OF THE JAPAN SOCIETY FOR AERONAUTICAL AND SPACE SCIENCES	Vol.49 No.575 pp438-440	UMEHARA Hiroaki
2001/12/01	Walk-off free ultrafast nonlinear optical loop mirror composed of a highly-nonlinear dispersion-shifted fiber for demultiplexing 320 Gbit/s TDM signals	Trends in Optics and Photonics (TOPS) volume 60, Optical Amplifiers and Their Applications	Vol.60 pp262-264	SOTOBAYASHI Hideyuki SAWAGUCHI Chikara* KOYAMADA Yahei* CHUJO Wataru
2001/12/01	Dynamic Behavior of Microtubules during Dynein-dependent Nuclear Migrations of Meiotic Prophase in Fission Yeast	MOLECULAR BIOLOGY OF THE CELL	Vol.12 pp3933-3946	YAMAMOTO Ayumu TSUTSUMI Chihiro KOJIMA Hiroaki OIWA Kazuhiro HIRAOKA Yasushi
2001/12/01	Photonic variable length packet routing based on multi-wavelength label switch using multi-section fiber Bragg gratings and supercontinuum light source	Trends in Optics and Photonics (TOPS) volume 60, Optical Amplifiers and Their Applications	Vol.60 pp117-119	WADA Naoya HARAI Hiroaki CHUJO Wataru KUBOTA Fumito
2001/12/12	Optimum detection for extracting maximum information from symmetric qubit sets	PHYSICAL REVIEW A	Vol.65 No.1	MIZUNO Jun FUJIWARA Mikio AKIBA Makoto KAWANISHI Tetsuya Stephen M. Barnett* SASAKI Masahide
2001/12/15	Accurate frequency atlas of molecular iodine near 532 nm measured by an optical frequency comb generator	OPTICS COMMUNICATIONS	Vol.200 pp209-215	Yun Zhang ISHIKAWA Jun* Feng-Lei Hong*
2001/12/25	Mid-latitude winds in the mesosphere : a superposed epoch analysis over the geomagnetic storm times	JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS	Vol.63 No.18 pp1993-2001	Ma Guanyi IGARASHI Kiyoshi Klemens Hocke
2001/12/31	Laser emission from high-gain media of dye-doped dendrimer	APPLIED PHYSICS LETTERS	Vol.80 No.1 pp7-9	YOKOYAMA Shiyoshi OTOMO Akira MASHIKO Shinro
2002/01/01	Design of LiNbO <sub>3</sub> Optical Modulator with an Asymmetric Resonant Structure	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E85-C No.1 pp150-155	KAWANISHI Tetsuya OIKAWA Satoshi HIGUMA Kaoru SASAKI Masahide IZUTSU Masayuki
2002/01/01	Fourier Synthesis of Stable Ultrafast Optical-Pulse Trains Using Three Lasers and an SOA	IEICE TRANSACTIONS ON ELECTRONICS	Vol.E85-C No.1 pp165-166	HYODO Masaharu Abedin Kazi Sarwar ONODERA Noriaki* Gupta Kamal WATANABE Masayoshi
2002/01/01	Self-Timed Cellular Automata and their computational ability	Future Generation Computer Systems journal, Special issue on Cellular Automata		Ferdinand Peper ISOKAWA Tejiro* KOUDA Noriaki* MATSUI Nobuyuki*
2002/01/01	Solar activities associated with interplanetary magnetic flux ropes	ADVANCES IN SPACE RESEARCH	Vol.29 No.3 pp451-455	WATARI Shin-ichi WATANABE Takashi* MARUHASHI Katsuhide
2002/01/01	PEA Measurement System for Direct Observation of Space Charge Distribution (in Japanese)	THE TRANSACTIONS OF THE INSTITUTE OF ELECTRICAL ENGINEERS OF JAPAN	Vol.122-A No.1 pp118-122	MAENO Takashi

2002/01/01	<b>Optical Bistability in a Photorefractive Self-Pumped Phase-Conjugator</b>	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.41 No.1 pp107-110	Zhang Jiasen YOSHIKADO Shin ARUGA Tadashi
2002/01/01	<b>Particle Acceleration in Interplanetary Shocks:Classification of Energetic Particle Events and Modeling</b>	SOLAR AND GALACTIC COM- POSITION	pp323-328	DEN Mitsue YOSHIDA T.* YAMASHITA K.*
2002/01/01	<b>Performance of a quasi-optical NbN hot-electron bolometric mixer at terahertz frequencies</b>	SUPERCONDUCTOR SCIENCE AND TECHNOLOGY	Vol.15 No.1 pp141-145	UZAWA Yoshinori MIKI Shigehito Wang Zhen KAWAKAMI Akira M. Kroug* P. Yagoubov* E. Kollberg*
2002/01/03	<b>Photoconductive twin dipole antennas for THz transceiver</b>	ELECTRONICS LETTERS	Vol.38 No.1 pp5-6	TANI Masahiko WATANABE Masayoshi SAKAI Kiyomi
2002/01/20	<b>Measurement of the characteristics of a quadrant avalanche photodiode and its application to a laser tracking system</b>	OPTICAL ENGINEERING	Vol.41 No.1 pp145-149	TOYODA Masahiro ARAKI Kenichi SUZUKI Yoshiaki
2002/02/01	<b>Nea-field intensity distribution of waves scattered from slightly rough surfaces</b>	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA A	Vol.19 No.2 pp398-403	KAWANISHI Tetsuya
2002/02/01	<b>MIRAI Architecture for Heterogeneous Network</b>	IEEE COMMUNICATIONS MAG- AZINE	Vol.40 No.2 pp126-134	Wu Gang MIZUNO Mitsuhiko Paul Havinga*
2002/02/01	<b>Terahertz imaging of silicon wafers</b>	JOURNAL OF APPLIED PHYSICS	Vol.91 No.3 pp1247-1250	Michael Herrmann TANI Masahiko SAKAI Kiyomi FUKASAWA Ryoichi*
2002/02/01	<b>Peroxisomes Are Formed from Complex Membrane Structures in PEX6-deficient CHO Cells upon Genetic Complementation</b>	MOLECULAR BIOLOGY OF THE CELL	Vol.13 pp711-722	HASHIGUCHI Noriyo KOJIDANI Tomoko* IMANAKA Tsuneo* HARAGUCHI Tokuko HIRAOKA Yasushi Eveline Baumgart* YOKOTA Sadaki* TSUKAMATO Toshiro* OSUMI Takashi*
2002/02/01	<b>A Study on Hardware Simplification in an OFDM Diversity Receiver (in Japanese)</b>	THE JOURNAL OF THE INSTI- TUTE OF IMAGE INFORMATION AND TELEVISION ENGINEERS	Vol.56 No.2 pp245-252	HIRATA Kozue ITAMI Makoto* OOTA Hiroki ITOH Kohji*
2002/02/01	<b>As-Grown Deposition of Superconducting MgB<sub>2</sub> Thin Films by Multiple-Target Sputtering System</b>	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.41 No.2A ppL217-L219	SAITO Atsushi KAWAKAMI Akira SHIMAKAGE Hisashi Wang Zhen
2002/02/01	<b>ESTIMATION OF THE GROUND SURFACE RAINFLL DISTRIBUTIONS (in Japanese)</b>	JOURNAL OF HYDRAULIC ENGINEERING	Vol.46 pp31-36	NAKAGAWA Katsuhiko NAKAKITA Eiichi* SUZUKI Yoshiharu* OISHI Satoru* IKEBUCHI Shuichi*
2002/02/18	<b>Superfluorescence action from rohdamincored dendrimer</b>	COLLOIDS AND SURFACES A	Vol.198 pp433-438	YOKOYAMA Shiyoshi NAKAHAMA Tatsuo OTOMO Akira MASHIKO Shinro
2002/02/28	<b>Fabrication Technology and Device Performance of Sub-50-nm-Gate InP-Based High Electron Mobility Transistors</b>	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.41 No.2B pp1094-1098	ENDOH Akira YAMASHITA Yoshimi SHINOHARA Keisuke HIGASHIWAKI Masataka HIKOSAKA Kohki MIMURA Takashi HIYAMIZU Satoshi* MATSUI Toshiaki