

List of Published Presentation Papers (Mar.2002—May 2002)

Date of Presentation	Name of Paper	Name of Publication	Volume	Presenter	* outsiders
2002/03/01	Feasibility Study on a Highly Mobile Microwave-Band Broad-band Telecommunication System	EEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS	Vol.3 No.1 pp75-88	HARADA Hiroshi FUJISE Masayuki	
2002/03/01	Excitation of right- and left-circularly polarized photoluminescence in silicon-based luminescent materials	JOURNAL OF APPLIED PHYSICS	Vol.91 No.5 pp2725-2728	YAMAMOTO Naokatsu HOSAKO Iwao AKIBA Makoto OHTANI Naoki TAKAI Hiroshi*	
2002/03/01	The width-conversion of an optical signal by using an erbium-doped fiber and an asymmetric optical circuit	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E85-B No.3 pp652-654	Park Ki-hwan CHUJO Wataru	
2002/03/01	Reinterpretation of the auxiliary differential equation method for FDTD	IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS	Vol.12 No.3 pp102-104	TAKAYAMA Yoshihisa Werner Klaus	
2002/03/01	Robotic Communication Terminals as a Mobility Support System for Elderly and Disabled People(2) (in Japanese)	Transactions of the Japanese Society for Artificial Intelligence	Vol.17 No.2 pp170-176	YAIRI Ikuko IGI Seiji	
2002/03/01	Lidar Measurements of the Airborne Dusts in Shapotou— Preliminary Results in the spring-time 2001	JOURNAL OF ARID LAND STUDIES	Vol.11 No.4 pp315-320	YASUI Motoaki Zhou Jixia* Liu Lichou* ITABE Toshikazu MIZUTANI Kohei AOKI Tetsuo	
2002/03/01	Solving large scale traveling salesman problems by chaotic neurodynamics	NEURAL NETWORKS	Vol.15 pp271-283	HASEGAWA Mikio IKEGUCHI Tohru* AIHARA Kazuyuki*	
2002/03/01	Pulse repetition frequency multiplication via intracavity optical filtering in AM mode-locked fiber ring lasers	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.14 No.3 pp284-286	Gupta Kamal ONODERA Noriaki* Abedin Kazi Sarwar HYODO Masaharu	
2002/03/01	Numerical Model of the Strategy for Choosing Polite Expressions (in Japanese)	THE TRANSACTIONS OF THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS A	J85-A No.3 pp389-397	SHIRADO Tamotsu ISAHARA Hitoshi	
2002/03/11	Reduction method for low-frequency noise of GaAs junction field-effect transistor at a cryogenic temperature	APPLIED PHYSICS LETTERS	Vol.80 No.10 pp1844-1846	FUJIWARA Mikio SASAKI Masahide AKIBA Makoto	
2002/03/15	Archaeological Photograph Library (in Japanese)	Transactions of the Japan Society for Archaeological Information	Vol.7 No.2 pp1-8	ATARASHI Rei IMAI Masakazu* CHIHARA Kunihiro* KATATA Tadashi*	
2002/04/01	A Unified Formalism of Incoherent, Quasi-coherent, and Coherent Correlation Signals on Pulse-pair Doppler Operation for a Cloud-Profiling Radar : Aiming for a Space Mission	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	Vol.19 No.4 pp443-456	KOBAYASHI Satoru	
2002/04/01	1.6 bit/s/Hz, 6.4 Tbit/s QPSK-OCDM/WDM (4 OCDM x 40 WDM x 40 Gbit/s) transmission experiment using optical hard thresholding	IEEE PHOTONICS TECHNOLOGY LETTERS	Vol.14 No.4	SOTOBAYASHI Hideyuki CHUJO Wataru KITAYAMA Ken-ichi*	
2002/04/01	Trans-Pacific Demonstration of Visible Himan(TPD-VH)	SPACE COMMUNICATIONS	Vol.17 No.4 pp303-311	NISHINAGA Nozomu TATSUMI Haruyuki* Micheal Gill* AKASHI Hirofumi* NOGAWA Hiroki* Ivette Reategui*	
2002/04/01	Verb Ellipsis Resolution in Japanese Sentence using Surface Expressions and Examples	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	Vol.E-85D No.4 pp767-772	MURATA Masaki ISAHARA Hitoshi	
2002/04/01	Relationship of upflowing ion beams and conics around the daside cusp/cleft region to the interplanetary conditions	ANNALES GEOPHYSICAE	Vol.20 pp471-476	MIYAKE Wataru MUKAI Toshifumi* KAYA Nobuyuki*	
2002/04/01	Development of Dendrimer Single Electron Tunneling Device	ITE Letters on Batteries, New Technologies & Medicine	Vol.3 No.2 pp1-4	MASHIKO Shinro KUBOTA Tohru NAKAHAMA Tatsuo YOKOYAMA Shiyoshi	
2002/04/12	Formatin of the three-ring structure around supernova 1987A	SCIENCE	Vol.296 pp321-322	TANAKA Takashi WASIMI Haruichi*	
2002/04/15	Extremely High-Speed Lattice-Matched InGaAs/InAlAs High Electron Mobility Transistors with 472 GHz Cutoff Frequency	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.41 No.4B pp437-439	SHINOHARA Keisuke YAMASHITA Yoshimi ENDO H Akira HIKOSAKA Kohki MATSUI Toshiaki MIMURA Takashi HIYAMIZU Satoshi	
2002/04/20	Wave-front tilt sensor with two quadrant detectors and its application to a laser pointing system	APPLIED OPTICS	Vol.41 No.12 pp2219-2223	TOYODA Masahiro ARAKI Kenichi SUZUKI Yoshiaki	
2002/04/25	Timing observation of millisecond pulsar PSR1937+21 using the Kashima 34-antenna	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN	Vol.54 pp305-313	HANADO Yuko SHIBUYA Yasuhisa HOSOKAWA Mizuhiko SEKIDO Mamoru GOTOH Tadahiuro IMAE Michito	
2002/05/01	A New Estimation Method of Propagation Characteristics Using Pilot-Data-inserted OFDM Signals for High-mobility OFDM Transmission Scheme	IEICE TRANSACTIONS ON COMMUNICATIONS	Vol.E85-B No.5 pp882-894	HARADA Hiroshi YAMAMURA Takako* FUJISE Masayuki	

2002/05/01	DEVELOPMENT OF A C BAND RECTENNA FOR MICROWAVE POWER TRANSMISSION TOWARD A SPACE ROBOT	ACTA ASTRONAUTICA	Vol.50 No.5 pp295-300	FUJINO Yoshiyuki KAYA Nobuyuki* SAKA Tsuyoshi*
2002/05/01	Trans-Pacific Demonstrations (TPD): Network Architecture, Engineering and Results	SPACE COMMUNICATIONS	Vol.17 No.4 pp213-302	KADOWAKI Naoto YOSHIMURA Naoko NISHINAGA Nozomu Ray Gilstrap* Mark Foster*
2002/05/01	Transparent virtual optical code/wavelength path network	IEEE Journal of Selected Topics in Quantum Electronics on Nonlinear Optics		SOTOBAYASHI Hideyuki CHUJO Wataru KITAYAMA Ken-ichi*
2002/05/06	Classical and quantum properties of optical parametric amplifier/deamplifier	PHYSICS LETTERS A	Vol.297 No.1 pp29-36	Yun Zhang KASAI Katsuyuki WATANABE Masayoshi
2002/05/15	High-quality InN film grown on a low-temperature-grown GaN intermediate Layer by plasma-assisted molecular-beam epitaxy	JAPANESE JOURNAL OF APPLIED PHYSICS	Vol.41 No.5B pp540-542	HIGASHIWAKI Masataka MATSUI Toshiaki
2002/05/20	Protein Motors : Their Mechanical Properties and Application to Nanometer-scale Devices (in Japanese)	TELECOM FRONTIER		OIWA Kazuhiro
2002/05/24	Saturation of Polar Cap Potential by Intense Solar Wind Electric Fields	GEOPHYSICAL RESEARCH LETTERS	Vol.29 No.10 Jan-62 Apr-62	NAGATSUMA Tsutomu