

2014/5/15

| Number | Start | Min. | Title | Session Title | Chair |
|--------|-------|------|--|---------------------------------|----------------------|
| | 9:00 | 60 | Registration | | |
| | 10:00 | 15 | Opening Ceremony | | |
| 1 | 10:15 | 15 | Microstrip Reflectarray Element Design for Reflection Phase Error Reduction Ji Hwan Yoon, Young Joong Yoon (Yonsei University), Woo-sang Lee, and Joon-ho So (Agency for Defense Development) | Metamaterials and Meta-surfaces | Prof. Toshikazu Hori |
| 2 | 10:30 | 15 | Reflectarray Development for Improving Propagation Channel of Cellular Communications Qiang Chen (Tohoku Univ.) | | |
| 3 | 10:45 | 15 | A CRLH ZOR Metaradiator using a Meander Cross Shape Sarawuth Chaimool, Tanaporn Pechrkool and Prayoot Akkarakethalin (King Mongkut's University of Technology North Bangkok) | | |
| 4 | 11:00 | 15 | Design of Metamaterial Absorber at X Band Insensitive to Polarizations Beom-Kyu Kim and Bomson Lee (Kyung Hee University) | | |
| | 11:15 | 15 | Break | | |
| 5 | 11:30 | 15 | An Evaluation of Transition from Balanced to Unbalanced Modes for Asymmetric Antennas Using Mixed-Mode S-parameters Nozomu Ishii (Niigata Univ.) | Antenna Measurements | Prof. Hiroyuki Arai |
| 6 | 11:45 | 15 | Gain Measurement of D-band Horn Antenna by Extrapolation Technique Jin-Seob Kang, Jeong-Hwan Kim, and Kangwook Kim (KRISS (Korea Research Institute of Standards and Science) and GIST (Gwangju Institute of Science and Technology)) | | |
| 7 | 12:00 | 15 | Influence of external electric field on impedance measurement of electric field sensors onboard Akebono satellite Ryoichi Higashi (Ishikawa NCT), Tomohiko Imachi, Satoshi Yagitani, Yoshiya Kasahara (Kanazawa Univ.), Isamu Nagano (Komatsu Col.) | | |
| 8 | 12:15 | 15 | Measurement accuracy improvement of the S-parameter method by compensation using terminated impedance of measurement jig Takayuki Sasamori, Hideaki Kawai, Teruo Tobana, Yoji Isota (Akita Prefectural Univ.) | | |
| | 12:30 | 75 | Lunch (Distributing Lunch Box in the Session Room) | | |
| 9 | 13:45 | 15 | MIMO Printed Antenna Performance Eko T. RAHARDJO, Fitri Y. ZULKIFLI, and BASARI (Universitas Indonesia) | MIMO Systems | Prof. Keizo Cho |
| 10 | 14:00 | 15 | Experimental Evaluation of Real-Time MU-MIMO Transmission with Implicit Feedback Beamforming Tomoki Murakami, Hayato Fukuzono, Riichi Kudo, Shoko Shinohara, Yasushi Takatori, Masato Mizoguchi (NTT) | | |
| 11 | 14:15 | 15 | Basic Study on massive MIMO transmission with calibration circuit eliminating CSI feedback Kentaro Nishimori, Hiroyoshi Yamada (Niigata Univ.) | | |
| 12 | 14:30 | 15 | Evaluating Data-rate Performance of Passive MIMO Transmission Naoki Honma, Keisuke Terasaki, Ryota Takahashi, Yoshitaka Tsunekawa (Iwate Univ.) | | |
| | 14:45 | 15 | Break | | |
| 13 | 15:00 | 15 | A Microwave Reflectometer using Self-mixing Oscillator Antennas Paiboon Yoiod and Monai Krairiksh (King Mongkut's University of Technology Ladkrabang) | Active Antennas | Dr. Toru Takahashi |
| 14 | 15:15 | 15 | Multiband Spiral Antenna for Non-linear Device Detection Kyeong-Sik Min, Sung-Min Kim, and Chul-Hun Seo (Korea Maritime & Ocean University) | | |
| 15 | 15:30 | 15 | Basic Study on Orthogonally Excited Beam Steering Microstrip Array Antenna Using Variable Gain Amplifiers Eisuke Nishiyama, Takeshi Kondo, Ichihiko Toyoda (Saga Univ.) | | |
| 16 | 15:45 | 15 | Automatic Tunable Multiband Antenna Using RF-MEMS Capacitors Supporting Transmission Power Control Makoto Higaki, Koh Hashimoto (Toshiba R&D Center) | | |
| | 16:00 | 15 | Break | | |
| 17 | 16:15 | 15 | A Dual-Band Dual-Mode Patch Antenna for ISM Application Youngtaek Hong, Jinpil Tak, and Jaehoon Choi (Hanyang Univ.) | Antenna Analysis | Prof. Toru Uno |
| 18 | 16:30 | 15 | Characteristics of electric antennas aboard scientific spacecraft at low frequencies Tomohiko Imachi, Mitsunori Ozaki (Kanazawa Univ.), Ryoichi Higashi (Ishikawa NCT), Satoshi Yagitani (Kanazawa Univ.) | | |
| 19 | 16:45 | 15 | Theoretical Investigation of Complementary Resistive Dipole and Slot Antennas: Duality for Complementary Antennas with Resistive Loading Woong Kang, Kangwook Kim (GIST), Jin-Seob Kang (KRISS), and Yongjin Kim (Inha Technical University) | | |
| 20 | 17:00 | 15 | Feasibility Study of Simple Model to Emulate Leaked Electromagnetic Field from Wireless Power Transfer Systems Yoshihiro Kanasaki, Hiroyuki Uno, Hideki Nagata, Tetsuya Kaneko (Panasonic System Networks R&D Lab.) | | |
| | 17:15 | | End | | |
| | 18:00 | | Banquet Party | | |

2014/5/16

| Number | Start | Min. | Title | Session Title | Chair |
|--------|-------|------|--|----------------------------------|------------------------|
| 1 | 9:00 | 15 | Characterization of Dipole Array Antenna Using Generalized-Scattering Matrix and Spherical Mode Analysis Hyunwook Jun, Yeongoo Kim, Hyunjin Shim, and Sangwook Nam (Seoul National University) | Planar Antennas and Arrays | Dr. Masayuki Nakano |
| 2 | 9:15 | 15 | Ultra Wide-Band Dual-Polarized Shared-Aperture Tapered Slot Antenna Arrays with Nesting Arrangement Hikaru Watanabe, Satoshi Yamaguchi, Narihiro Nakamoto, Toru Takahashi, Hiroaki Miyashita (Mitsubishi Electric Corp.) | | |
| 3 | 9:30 | 15 | A Multi-Function GPS Antenna Array for Anti-Jamming Sungtek Kahng, Kyeongnam Jang, Jinsu Jeon, and H.-S. Lee (Incheon National University) | | |
| 4 | 9:45 | 15 | Radiation Efficiency Enhancement of Electrically Small and Low-Profile Antenna Using Capacitive Feed Structure Takeshi Fukusako, Hiroyuki Maema (Kumamoto Univ.) | | |
| | 10:00 | 15 | Break (Preparing Posters) | | |
| 5 | 10:15 | 15 | Wideband DOA estimation technique for correlated sources by using extended EM algorithm Hiroyoshi Yamada, Satoshi Shirai, Yoshio Yamaguchi (Niigata Univ.), Toshihiko Nishimura, Yasutaka Ogawa, Takeo Ohgane (Hokkaido Univ.) | Propagation and Target Detection | Prof. Nobuyoshi Kikuma |
| 6 | 10:30 | 15 | Long Range Non-invasive Detection of Respiration and Heart Rate using High Sensitivity Radar Jee-Hoon Lee, Ki-Bum Kim, and Seong-Ook Park (KAIST(Korea Advanced Institute of Science and Technology)) | | |
| 7 | 10:45 | 15 | A method for predicting rain attenuation in millimeter-wave wireless mesh networks Riichiro Nagareda, Hiroshi Hanano, Akira Yamaguchi (KDDI R&D Labs.), Hung Vu Le, Takuichi Hirano, Makoto Ando (Tokyo Tech.) | | |
| 8 | 11:00 | 15 | Evaluation of Shadowing by a Human Body at High Frequency Bands using UTD --- Radio Wave Propagation Technology for Future Radio Access and Mobile Optical Network --- Nghochao Tran, Tetsuro Imai, Yukihiro Okumura (NTTDocomo) | | |
| | 11:15 | 30 | Lunch (Distributing Lunch Box in the Session Room) | | |
| | 11:45 | 60 | Poster Session 1 | | |
| | 12:45 | 15 | Break (Replacing Posters) | | |
| | 13:00 | 60 | Poster Session 2 | | |
| | 14:00 | 15 | Break | | |
| 9 | 14:15 | 15 | Electromagnetic Absorber Made by Natural Rubber Titipong Lertwiriayaprapa, Kiadtisak Salayong and Montree Saowadee (King Mongkut's University of Technology North Bangkok) | Materials for Antennas | Prof. Koichi Ogawa |
| 10 | 14:30 | 15 | A Study on an Antenna Composed of Transparent Conductive Film Tatsunori Yui, Masashi Koshi, Hiroyuki Uno, Tomoaki Nishikido, Kenya Nagano, Yutaka Saito (Panasonic System Networks R&D Lab.) | | |
| 11 | 14:45 | 15 | Double Resonance Modes in In-Planned Metamaterial Absorber Cells Hong-Min Lee (Kyonggi University) | | |
| 12 | 15:00 | 15 | Development of Broadband Negative Permeability structures in Microwave Region Takuiji Arima, Yuta Aoki, Toru Uno (TUAT) | | |
| | 15:15 | 10 | Closing Ceremony | | |
| | 15:25 | | End | | |

Poster Session 1

| No. | Title |
|-----|---|
| 1 | Equivalent Circuit Analysis for Alternated Double Layered Patch Type FSS with Dielectric Substrate Ryuji Kuse, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui), Takuya Seki, Keisuke Sato, Ichiro Oshima (Denki Kogyo) |
| 2 | Filtering Characteristics of Double Layered FSS with Different Filtering Characteristics Kazuhiro Uchida, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui) |
| 3 | Gain Enhancement of Microstrip Antenna Using Frequency Selective Surface Takeshi Kakumoto, Yuki Kawakami (Fukui NCT) |
| 4 | Design of Bolus-mounted FSS Unit-cell for Phase Shifting Surface Woo Cheol Choi, Ki Joon Kim, Young Joong Yoon (Yonsei University) |
| 5 | Miniaturization of Period of Frequency Selective Surface by Multiplexing Loops of Complementary Split Ring Resonator Yuto Amano, Kunio Sakakibara (Nagoya Inst. of Tech.), Shinya Iwanaga, Kiyotaka Kumaki, Satoshi Hori (KOJIMA INDUSTRIES), Nobuyoshi Kikuma, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 6 | Design of Spiral-Slot Frequency Selective Surface for Shielding from Noises of Wireless Power Transmission Kei Firdaus, Kunio Sakakibara (Nagoya Inst. of Tech.), Teruhito Tayama, Takanobu Tabata, Satoshi Hori (KOJIMA INDUSTRIES), Nobuyoshi Kikuma, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 7 | Fundamental Characteristics of a Circular Combined Folded Dipole Antenna with a Feed Line Yusuke Saita, Noriyuki Kagiya, Tsutomu Ito, Hisashi Morishita (National Defence Academy) |
| 8 | Gain of Dipole Antenna with Partial Cylindrical Reflector Yusuke Watanabe, Yasutaka Murakami, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui), Tamami Maruyama (NTT DoCoMo) |
| 9 | Suppression of the Mutual Coupling between Dipole Antennas Utilizing Metal Plate Yuki Kawakami (Fukui NCT), Toshikazu Hori (Univ. of Fukui) |
| 10 | Spherical Far-Field Extrapolation of Low-Gain Antenna using Phase Retrieval Method Eriko Ohashi, Hiroyuki Arai (Yokohama National Univ.) |
| 11 | Modal analysis of a small antenna consisting of two conductors Naohiro Ikemoto, Keisuke Noguchi, Shigeru Makino, Hirota Tetsuo, Itoh Kenji (KIT) |
| 12 | A study on Q-factor calculated from impedance characteristic of small antennas Harutaka Kyomura, Keisuke Noguchi, Shigeru Makino, Tetuo Hirota, Kenji Ito (KIT) |
| 13 | Axial Symmetry of Radiation Pattern of Antipodal Tapered Slot Antenna Homare Morita, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui) |
| 14 | A Dual-Band Low-Profile Patch Antenna with Monopole-Like Radiation Jinpil Tak, Youngtaek Hong, Kyungyoung Jung, and Jaehoon Choi (Hanyang University) |
| 15 | Dual-Band Dipole Antenna with Dual Flat Reflectors Yoshiki Sugimoto, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui) |
| 16 | Wide Angle Beam Scanning Leaky Wave Antennas for Optical wireless communication Yodai Morimoto, Hiroyuki Arai (Yokohama National Univ.) |
| 17 | Grating Lobe Suppression of Narrow-wall Slotted Waveguide Array Antenna using Thin Narrow-wall Waveguides in Millimeter-wave Band Toshinori Araki, Kunio Sakakibara, Nobuyoshi Kikuma, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 18 | Design of Hollow-Waveguide Narrow-Wall Slot Array Antenna using Partially Parallel-Feeding System in Millimeter-Wave Band Yuichi Hirayama, Kunio Sakakibara, Nobuyoshi Kikuma, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 19 | Effects of rain clouds in the dry season on the Ku-band satellite communications links in the tropical region Keigo Takemoto, Yoshiaki Shibagaki, Yasuyuki Maekawa (Osaka Electro-Commun. Univ.) |
| 20 | Effects of rain clouds in the wet season on the Ku-band satellite communications links in the tropical region Akihiro Tama, Yoshiaki Shibagaki, Yasuyuki Maekawa (Osaka Electro-Commun. Univ.) |
| 21 | A Consideration of Propagation Delay Time Estimation of Direct Wave in Multipath Environments Using Frequency Sample Data Yoshiki Oishi, Nobuyoshi Kikuma, Hiroshi Hirayama, Kunio Sakakibara (Nagoya Inst. of Tech.) |
| 22 | Study on Wave Distribution Function Method with Markov Random Field Model for VLF Electromagnetic Waves Mamoru Ota, Yoshiya Kasahara, Yoshitaka Goto (Kanazawa Univ.) |
| 23 | Spatial multiplexing for multiple users exceeding degree of freedom by successive interference cancellation and zero forcing Keita Nakagawa, Kentaro Nishimori, Satoshi sasaki, Hideo Makino (Niigata Univ.) |
| 24 | Suppression of Artificially Generated Periodical Noise by using Frequency Shift Shinya Ito, Mitoshi Fujimoto, Toshikazu Hori (Univ. Fukui), Masaki Takanashi, Yoshiyuki Hattori (TOYOTA CENTRAL R&D LABS.) |
| 25 | Suppression Property of Wideband Interference by TDL Adaptive Array Koshi Amano, Mitoshi Fujimoto, Toshikazu Hori (Univ. Fukui) |
| 26 | Basic study for intruder detection in indoor and outdoor using MIMO sensor Takeshi Hiraishi, Kentarou Nishimori, Keita Ushiki (Niigata Univ.), Naoki Honma (Iwate Univ.), Hideo Makino (Niigata Univ.) |
| 27 | Probe Arrangement Design of an OTA Apparatus for 2D-MIMO Array Antennas Kentou Karitani, Kazuhiro Honda, Koichi Ogawa (Toyama Univ.) |
| 28 | Motion Capture Modeling of a Human Walking for Wearable MIMO Antennas Kohei Omote, Kazuhiro Honda, Koichi Ogawa (Toyama Univ.) |
| 29 | Performance Improvement of MIMO Radar using Spatial Smoothing Preprocessing Naoya Matsukawa, Nobuyoshi Kikuma, Hiroshi Hirayama, Kunio Sakakibara (Nagoya Inst. of Tech.) |
| 30 | Dual Frequency Techniques for Millimeter-Wave Satellite Communication during Rain Attenuation Naresh Tripathi, Wataru Chujo (Meijo Univ.), Takeshi Manabe (Osaka Pref. Univ.), Shin-ichi Yamamoto (NICT) |
| 31 | Electromagnetic source localization with an array of wireless sensors Takuya Shimizu, Keisuke Iwasaki, Satoshi Yagitani, Mitsunori Ozaki (Kanazawa Univ.), Hirotosugu Kojima (Kyoto Univ.) |
| 32 | Electromagnetic Propagation in Microwave Illumination Tank for Breast Tomography Seong-Ho Son, Kwang-Jae Lee, Jang-Yeol Kim, Soon-Ik Jeon (ETRI) |
| 33 | Local Exposure Antenna for Small Animals in 6 GHz - 10 GHz Range Kotaro Funakura, Yujiro Kushiya, Toru Uno, Arima Takushi (Tokyo Univ. of Agriculture and Tech.) |
| 34 | In-situ measurement and visualization of magnetic field distribution Hiroyuki Maeda, Satoshi Yagitani (Kanazawa Univ.), Toshio Minami, Ryohei Tanaka (DAIHEN Corp.) |

Poster Session 2

| No. | Title |
|-----|---|
| 1 | Configuration of Meta-surface Reflector for Antenna Beam Steering Yasutaka Murakami, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui), Tamami Maruyama (NTT DoCoMo) |
| 2 | Patch Type Meta-surface with Polarization Conversion Function Misaki Kamiya, Ryuji Kuse, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui) |
| 3 | Configuration of Plane Reflector using Meta-surface Kuniyoshi Moriyama, Ryuji Kuse, Toshikazu Hori, Mitoshi Fujimoto (Univ. Fukui) |
| 4 | A Fundamental Study on Miniaturization of Small Metamaterial Structure Using Multilayer Ceramic Capacitor Tuan Hung Nguyen, Naobumi Michishita, Hisashi Morishita (National Defence Academy) |
| 5 | Radio-frequency field imaging with a metamaterial absorber Ryohei Hayashi, Naoya Fukuoka, Satoshi Yagitani, Mitsunori Ozaki (Kanazawa Univ.), Yoshiyuki Yoshimura, Hirokazu Sugiura (Industrial Research Institute of Ishikawa) |
| 6 | Anomalous Properties of Transmission and Resonance of Electromagnetic Wave in One-Dimensional Fractal Pre-Cantor Bar Ryota Sato, Keimei Kaino, Jun Sonoda (Sendai Kosen), Tsunehiro Obata |
| 7 | Miniaturization of Receiving Coil in Wireless Power Transmission using Relaying Coil Toshihiro Watanabe, Mitoshi Fujimoto, Toshikazu Hori (Univ. Fukui) |
| 8 | A Planar Antenna for Wireless Power Transmission System Khanet Pookapund, Komkris Boonying, Sitthichai Dentre and Chuwong Phongcharoenpanich (King Mongkut's Institute of Technology Ladkrabang) |
| 9 | A Consideration of Influence of Metal Plate on Longitudinal Winding Coils in Wireless Power Transfer with Magnetically Coupled Resonance Hisamichi Mori, Yuya Aoki, Nobuyoshi Kikuma, Hiroshi Hirayama, Kunio Sakakibara (Nagoya Inst. of Tech.) |
| 10 | A Consideration of Obstacle Object Detection Method in Confined Space Using Short Range MIMO Sensor Yuya Aoki, Hisamichi Mori, Nobuyoshi Kikuma (Nagoya Inst. of Tech.) |
| 11 | Design of Compact Dual-band RFID Tag Antenna Teerapol Patarachaisakul, Russamit Pansonboon, Pitchanun Wongsiritorn, Tajchai Pumpoung and Chuwong Phongcharoenpanich (King Mongkut's Institute of Technology Ladkrabang) |
| 12 | Low back lobe antenna using the super gain effect for RFID tag antenna Hidetoshi Nakamura, Hiroyuki Arai (Yokohama National Univ.) |
| 13 | Power level on reception of the digital TV broadcasting by using a card-type folded dipole antenna Hiroshi Miyagoshi, Keisuke Noguchi, Kenji Ito, Jiro Ida (KIT) |
| 14 | Design of Antenna for Search-and-rescue Operation at Sea Jihun Lim, Gyu-sik Yang, and Dongkook Park (Korea Maritime & Ocean University) |
| 15 | A Study on Tri-Plate Fed feed circuit for base station antenna Masahiko Hasegawa, Hiroyuki Arai (YNU) |
| 16 | A Super-directive Array and Beam switched Antenna Using A Decoupling Network Akira Noguchi, Hiroyuki Arai (Yokohama Natl. Univ.) |
| 17 | Dual Beam Antenna for 6-Sector Cellular System with Hybrid Coupler Yoshihiro Kozuki, Hiroyuki Arai (Yokohama National Univ.), Huiling Jiang, Taisuke Ihara (NTT DOCOMO) |
| 18 | Miniaturization of Four-Port Planar Microstrip-to-Waveguide Transitions with Slot Radiator for Center-Feeding Microstrip Array Antennas Hiroaki Yamada, Kunio Sakakibara, Nobuyoshi Kikuma, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 19 | Design of Microstrip-Line Connection-Circuit for Rotman-Lens Phase-Shifter Yasuhiro Imade, Kunio Sakakibara, Nobuyoshi Kikuma, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 20 | Design of Reverse Waveguide-Output Patch-Coupled Microstrip-to-Waveguide Transition Yuki Ishikawa, Kunio Sakakibara, Nobuyoshi Kikuma, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 21 | Measurement of Antenna Radiation Pattern by Near-Field Far-Field Transformation Technique Based on the FMM Shuntaro Ohmi, Toru Uno, Takuji Arima (TUAT), Takao Fujii (FSI) |
| 22 | Analysis of Indoor Propagation Characteristics for Active Propagation Control Kenichiro Kamohara, Hisato Iwai, Hideichi Sasaoka (Doshisha Univ.) |
| 23 | A study on WLAN indoor propagation characteristics of a narrow passage Yuuta Tawaki, Keisuke Noguchi, Shigeru Makino, Kenji Itou (KIT), Taichi Hamabe (Panasonic) |
| 24 | Experimental Evaluation of Tunable Passive Repeater in Indoor Propagation Environment Naoki Honma, Yua Takahashi, Yoshitaka Tsunekawa (Iwate Univ.) |
| 25 | Estimation of Short Range Target Position using Multiple Antennas and Frequencies Takuro Mamiya, Mitoshi Fujimoto, Toshikazu Hori (Univ. Fukui), Takanobu Tabata, Satoshi Hori (Kojima Press) |
| 26 | DOA Estimation by MUSIC Algorithm using Spatial Smoothing with Overlapped and Augmented Array Toshiki Iwai, Nobuyoshi Kikuma, Kunio Sakakibara, Hiroshi Hirayama (Nagoya Inst. of Tech.) |
| 27 | Directivity gain adjustment of multi-beam antenna for uniform illumination under indoor propagation environment Konami Yamaguchi, Hiroyuki Arai (Yokohama National Univ.) |
| 28 | A Consideration of Performance Improvement of MU-MIMO by Receiving Antenna Selection of Users with BD Method |
| 29 | Development of MIMO Doppler Radar for Human Motion and Location Estimation Yosuke Wakamatsu, Hiroyoshi Yamada, Yoshio Yamaguchi (Niigata Univ.) |
| 30 | Performance of BD algorithm based MU-MIMO by FFT beamforming and selection Hayate Kimoto, Kentaro Nishimori (Niigata Univ.), Takefumi Hiraguri (Nihon Inst. of Tech.), Hideo Makino (Niigata Univ.) |
| 31 | Investigation of Temperature Impact of Matching Liquid in a Microwave Tomography Platform System Jang-Yeol Kim, Kwang-Jae Lee, Jong-Moon Lee, Hyuk-Je Kim, Seong-Ho Son, and Soon-Ik Jeon (ETRI) |
| 32 | Frequency Accuracy of Incoherently Synthesized Microwave Signals by Optical Beats Tomohiro Usami, Naresh Tripathi, Wataru Chujo (Meijo Univ.) |
| 33 | A Consideration of High-resolution Location Estimation of Radio Sources by Holography Method Kanato Kimura, Nobuyoshi Kikuma, Hiroshi Hirayama, Kunio Sakakibara (Nagoya Inst. of Tech.) |
| 34 | Experimental Study on Array Calibration Using a Web Camera Yu Ishiyama, Hiroyoshi Yamada, Yoshio Yamaguchi (Niigata Univ.) |