Technical Group on Communication Systems

Chair: Yoichi MAEDA (NTT)
Vice chair: Keisuke WAKASUGI (Kyoto Inst. of Technology)
Secretary: Yoshiko TAKAYAMA (NTT), Tomomi NISHIO (NTT, Mitsubishi Electric)

Date: May 27-28, 2004
Topics: Photonic networks, GMPLS, etc.
Conference Place: Kochi University of Technology (K building, 3F). URL: http://www.kochi-tech.ac.jp/kut_fischer/map.html

To make a presentation in our domestic conference, you have to contact the secretary via e-mail at first.

Announcement of the next conference:

--- Photonic Internet Laboratory: New challenges for future photonic network---
Yoshiyuki Isobe and Koji Nonaka (Kochi University of Technology)

---Network control technologies for next generation photonic network---

---Necessity and Role of Entrepreneur Engineering------
Goto Kato (Kochi University of Technology)

---Interworking DWDM Equipment and PXX Operation using GMPLS for a Reliable Optical Network---
T. Tsutumi, T. Ohtani, M. Hayashi, H. Tanaka, KDDI Labs), S. Yun, M. Yano, S. Yama, M. Kawamichi, H. Tanuma(NEC), A. Banerjee, E. McGinnis (CaliNet Laboratories)

---Standardized management interface between switch hardware and network element software for advancing photonic network---
Yoshiki Murakami, Tetsuya Yokotani (Mitsubishi Electric), Toshihito Nishii, Nobuyuki Yoshii, Akira Sasaki (Tokusiki Electric), Konosuke Fukuda (Cisco Systems, Inc.), Shigeki Aisawa, Akihiro Shibata, Yusuke Tanno, Satoru Iwata, Shigeru Ohshimo, and Kazuhiko Ide (Toshiba)

---Wireless Optical Communication Using High Speed-CMOS Image Sensor---
Takayuki Fujii, Masayuki Murata, and Masaya Murata (NTT), Toshihiko Komine (Keio Univ.), Tetsuya Uehara, Shinichiro Yasui, and Shunichi Matsuzaki (NTT)

---Parallel Fiber-Optic Communication Using High-Speed CMOS Image Sensor---
Takayuki Fujii, Masayuki Murata, and Masaya Murata (NTT), Toshihiko Komine (Keio Univ.), Tetsuya Uehara, Shinichiro Yasui, and Shunichi Matsuzaki (NTT)

---Space-Time Block Coding for Atmospheric Optical Communication System without Channel State Information---
Shinichi Yoshimura, Tohoku University (Tohoku University), Tatsuya Oouchi, and Hisashi Yoneyama (NICT)

---Optical Burst Switching Experiment with 2-way Signaling using PLC Optical Switch Controlled by GMPLS Signaling---
Takayuki Fujii, Masayuki Murata, and Masaya Murata (NTT), Toshihiko Komine (Keio Univ.), Tetsuya Uehara, Shinichiro Yasui, and Shunichi Matsuzaki (NTT)

---Parallel WDM Optical Burst Switching Experiment with 2-way Signaling using PLC Optical Switch Controlled by GMPLS Signaling---
Takayuki Fujii, Masayuki Murata, and Masaya Murata (NTT), Toshihiko Komine (Keio Univ.), Tetsuya Uehara, Shinichiro Yasui, and Shunichi Matsuzaki (NTT)

---High-Speed CWDM Method for Photonic Router---
Yoshiyuki Isobe and Koji Nonaka (Kochi University of Technology)

---Proposal of Architecture and Scheduling Algorithm for Virtual Fully Connected WDM Networks---
Shinya Ishida, Shin'ichi Arakawa, Masayuki Murata (Osaka University), T. Tsuritani, T. Otani, M. Hayashi, H. Tanaka

---Proposal of Hybrid Optical Burst Switching Protocol for Reliable Optical Networks---
Takashi Hattori, Shinya Ishida, Shin'ichi Arakawa, Masayuki Murata (Osaka University), T. Tsuritani, T. Otani, M. Hayashi, H. Tanaka

---Parallel Medium Access Protocol for Optical Burst Switched Metro Ring Network with TFFS System---
Yutaka Arakawa, Naoushi Yakata, Iwao Sasaue (Keio Univ.)