



Call for Participation

International Workshop on Cyberspace Technologies and Societies (IWCTS2004) provides technical discussion among researchers, developers and users of cyberspace systems from academia, business and industry. This workshop focuses on research in cyberspace technologies, governance, and their advanced applications.

Over the past decade, we have seen the rapid evolution in information technology and its applications, especially in social aspects. The global transition of society demands new prospective technologies, and these technologies introduce new frameworks of the society as cyberspace applications. These cyberspace applications, such as e-commerce, e-government, e-learning or e-community, require new types of knowledge modeling and implementations. Such cyberspace knowledge provides capabilities to manage and compute various types of media resources. For constructing the cyberspace knowledge, further progress of cyberspace infrastructures, which includes the mobile, wearable and secure network technologies, are widely required. This workshop offers the opportunity for in-depth exploration of selected topics and for the presentation of the most recent research and development findings in these rapidly changing fields.

Areas of particular interest include:

- Cyber Infrastructure and Governance
 - Internet Governance
 - Network Societies and Communities
 - Security and Privacy
 - Network Technologies for Smart Spaces
- Cyber Knowledge and Database
 - Knowledge Modeling and Design
 - Multimedia Databases
 - Spatial and Temporal Databases
 - Multidatabases
- Cyber Application
 - Bio-informatics
 - Genome Mining
 - Location based service and applications
 - New Applications

ORGANIZING COMMITTEE

Workshop Chair:

Nobuo Saito,
Keio University

Program Co-chairs:

Hideyuki Tokuda,
Keio University

Yasushi Kiyoki,
Keio University

Jun Murai,
Keio University

Organizers:

Naoki Ishibashi,
Keio University

Masaki Minami,
Keio University

Naofumi Yoshida,
Keio University

Jun'ichi Yura,
Keio University

VENUE

The SAINT2004 will be held at the **Tokyo Fashion Town (TFT)**, which is located in a newly developed business, entertainment and fashionable town in a Tokyo Bay area.

For the TFT, two nearest train stations are available:

1 min. walk from "Kokusai Tenjijo Seimon Station" of the new transportation system "Yurikamome Line," which departs from "Shinbashi Station" of JR-EAST "Yamanote Line". It takes 22 min. from "Shinbashi Station" to "Kokusai Tenjijo Seimon Station."

5 min. walk from "Kokusai Tenjijo Station" of the Tokyo Waterfront Railway "Rinkai Line," which departs from "Osaki Station" of JR-EAST "Yamanote Line". It takes 13 min. from "Osaki Station" to "Kokusai Tenjijo Station."

Advanced Program

Paper Session I: Computing and Networking in Cyberspace

Improving Security for Ubiquitous Campus Applications

Kenta Matsumiya, Shuhei Tamaru, Genta Suzuki, Jin Nakazawa, Kazunori Takashio, Hideyuki Tokuda

SF2: Smart Furniture for Creating Ubiquitous Applications

Hideyuki Tokuda, Kazunori Takashio, Jin Nakazawa, Kenta Matsumiya, Masaki Ito, Masato Saito

The Design of OSPF Extension for Handling Uni-directional Links

Shunsuke Fujieda, Hiroyuki Kusumoto, Yasuhiro Ohara, Jun Murai

Shared Questionnaire System for School Community Management

Hiroya Kubo, Hidehiro Ohashi, Masatoshi Tamamura, Takashi Kowata, Ikuyo Kaneko

An Automatic Generation Method of 3D Visualization for Holistic and Detail Relationships on e-Learning Environment

Naofumi Yoshida, Kazutaka Hirata, Jun Miyazaki

Content-based Filtering System for Music Data

Kazuhiro Iwahama, Yoshinori Hijikata, Shogo Nishida

An Implementation of a Semantic Associative Search Space for Medical Document Databases

Minoru Kawamoto, Yasushi Kiyoki, Naofumi Yoshida, Seitaro Fujishima, Sadakazu Aiso

Panel Session II: Future Directions for Cyber Knowledge and Databases

Yasushi Kiyoki, Hiromichi Fukui, Masa Inakage, Soichiro Moridaira, Naohito Okude, Masaru Tomita, Kimio Uno

Paper Session III: Multimedia Applications in Cyberspace

HTTP-Proxy-Assisted Automatic Video Indexing for e-Learning

Yorihito Tanaka, Tomoki Itamiya, Tatsuya Hagino, Hiroaki Chiyokura

DACS: Distance Aware Collaboration System for face-to-face meetings

Hironori Egi, Naoto Ohsuga, Airi Nakada, Hiroshi Shigeno, Ken-ichi Okada

Meta-Chronicle: A Spatial and Temporal Multidatabase System and its Application to Histories

Naoki Ishibashi, Yasushi Kiyoki

A Meta-Level Career-Design Support System for Connecting Educational and Occupational Databases

Yusuke Takahashi, Yasushi Kiyoki

Panel Session I: Cyber Infrastructure and Governance of Next Decades

Hideyuki Tokuda, Tatsuya Hagino, Kenji Kohiyama, Tomoyuki Kojima, Jun Murai, Yasunori Sone, Michio Umegaki

Paper Session II: Knowledge and Multimedia in Cyberspace

A Prototype Implementation of Metadata Generation for Image Retrieval

Hideyasu Sasaki, Yasushi Kiyoki

Smart-Media Design Process with scenario based modeling

Kazuhiro Kuroda, Kaori Ochiai, Mia Hori, Naohito Okude

Smart-Media applications created by scenario based modeling

Takashi Matsumoto, Yuhsuke Wada, Miho Norimatsu, Naohito Okude

Panel Session III: Cyber Applications for Next Societies

Jun Murai, Hiroaki Chiyokura, Takashi Kobayashi, Kenji Kumasaka, Akira Maeda, Hajime Ohiwa, Omae Manabu, Nobuo Saito

PROGRAM COMMITTEE

Roy Campbell (University of Illinois), Xing Chen (Kanagawa Institute of Technology), Hiroaki Chiyokura (Keio University), Dave Farber (University of Pennsylvania), Tatsuya Hagino (Keio University), Masahiko Inakage (Keio University), Hannu Kangassalo (University of Tampere), Tomoyuki Kojima (Keio University), Kenji Kumasaka (Keio University), Naohito Okude (Keio University), Nicolas Spyrtos (Universite de Paris-Sud), Jeffrey Xu Yu (The Chinese University of Hong Kong)

For your Registration and Hotel Reservation :

<http://www.saint2004.org/> -> Go to "Registration Page."

Note : Advanced registration will finish on 6 Jan. 2004.

