

<http://ubimap.net/workshop2004/>

International Cartographic Association (ICA)

- Commission on Ubiquitous Mapping (<http://ubimap.net/>)
- Commission on Maps and the Internet (<http://maps.unomaha.edu/ica/>)

Call for Participation

Joint Workshop on Ubiquitous, Pervasive and Internet Mapping (UPIMap2004), Tokyo, Japan, September 7 - 9, 2004

The ICA Commissions on **Ubiquitous Mapping** and **Maps and the Internet** announce a workshop in Tokyo at the beginning of September 2004. The workshop is sponsored by the Commission on Ubiquitous Mapping, the Commission on Maps and the Internet, the Center for Spatial Information Science (CSIS) of University of Tokyo, the Geographic Information Systems Association and the Japan Cartographers Association. The ICA Commissions were formed in 1999 and 2003 respectively in response to the rapid growth in the use of electronic networks to distribute maps and spatial data, and rapid diffusion of new mobile devices. The purpose of the workshop is to bring together international specialists in the field of Mobile mapping, Location based Services and Internet mapping, and to disseminate information to a broader audience on new developments and major areas of research.

Important Dates

May 21, 2004 - Abstracts Due (300-1000 words)

May 31, 2004 - Notification of Acceptance

July 31, 2004 - Working Papers due for Paper Sessions

September 7 - 9, 2004 - Workshop in Tokyo

General Information

The Workshop will focus on a variety of issues related to the distribution and utilization of maps and location based information through mobile devices and the Internet. Working papers should address the terms of reference of the commissions:

ICA Commission on Ubiquitous Mapping

This new commission deals with a "well-mapped society" where maps will be available anywhere and anytime. Today, the number of way maps and geo-spatial information are likely to be employed is very large and diverse. As the individual gains the ability to access relevant spatial information on demand, human behavior will be influenced in interesting ways. The commission concentrates more on theoretical than practical issues. Its terms of reference are:

1. To organize regional workshop including site observation to comprehend the contemporary situation of mobile, car-navigation and location based mapping
2. To clarify the similarity and difference in comparing variant systems to establish an evaluation scheme
3. To place the notion of Ubiquitous Mapping in domain of Theoretical Cartography

ICA Commission on Maps and the Internet

The Internet has increased the distribution of maps and re-defined how maps are used. This commission explores the potential of the Internet to improve the quality of maps as a form of communication.

1. Focus attention on disseminating maps and spatial data through distributed electronic networks. Product: Journal articles and web pages.
2. Examine Internet map usage and project future areas of growth.

3. Examine web map user issues to better serve user needs.
4. Promote the exchange of information about effective Internet mapping for an international audience.
5. Improve user access to maps by examining the potential of Internet map metadata.
6. Promote instruction on Internet mapping through collaboration / coordination with other ICA commissions

In conjunction with the working papers, the workshop will also feature live demonstrations.

Key Words on Different Topics

ubiquitous, ubiquity, pervasive, Internet, network, tele-cartography, SVG, GML, G-XML, LBS, geo-cast, context awareness, situation, location, affordance, spatial cognition, perception, sensing, egocentric, homogeneous, map, mapping, spatial interaction, trans-coding, model, schema, visualization, symbology, generalization, virtual environment, interface, agent, voice, augmented reality, coordination, spontaneous, navigation, mobile, wearable, small personal object, IC tag, universal design, cross cultural issues, privacy, security, education, childhood development, etc.

Who Should Attend?

Anyone interested in the use of mobile devices and/or the Internet for the distribution and use of maps and spatial data:

- members of academia who wish to familiarize themselves with recent research developments and who are keen to develop new perspectives;
- practitioners from mapping organizations as well as software industry representatives who wish to contribute their experience with commercial Internet mapping software and explore new concepts and opportunities for software development;
- students of cartography who wish to have a better understanding of the major areas of research related to the distribution of maps through the Internet.

The participation of young researchers is particularly encouraged.

About the Location

The meeting will be held at the Komaba II Campus of the University of Tokyo.

(http://www.csis.u-tokyo.ac.jp/english_2004/location.html). The campus is located near Shibuya, 20 minutes from Tokyo Central Station by train. Tokyo is the capital of Japan and one of the largest economic centers of eastern part of Asia. You can find almost everything in the city from ultra modern electronic equipments to traditional goods.

(<http://www.tourism.metro.tokyo.jp/english/>)

Tokyo is situated in the central part of the Japanese archipelago. It is easy to make further trips to visit other sites of interest, such as Kyoto, for example. (<http://www.into.go.jp/>)

Cost

A workshop participation fee will be charged by the organizers - \$200 for attendees, \$100 for students. This includes a technical tour. There are many good hotels near the university. The price of a room is from \$70 a night for a single to \$100 for a twin room.

Resulting Publication

Working papers will appear on the commission's home page at <http://ubimap.net/workshop2004/>. Participants are encouraged to submit final papers to scientific journals and, depending on the number of submissions, an edited volume of papers may be published in book form.

Call for Abstracts

Participants will be selected from responses to this Call for Participation. If you wish to participate in the workshop, please submit a 300 - 1000 words abstract **BY 21 MAY 2004** to morita@k.hosei.ac.jp. The abstracts should be no longer than 1000 words in length and

indicate whether you plan to submit a working paper and/or present a live demonstration. Include title, complete address information for all authors, e-mail address and abstract within an e-mail message. Notification of acceptance will be sent out by 31 MAY 2004. The selected participants will then also receive more detailed information on the particulars of the workshop and local arrangements (accommodation, etc.).

Working Papers

If you wish to participate in a paper session of the workshop, you will be asked to submit the following material BY 31 JULY 2004 to a member of the Program Committee:

- a PDF document containing your working paper (4000-5000 words), including:
 - a BRIEF biographical sketch of for the author(s)
 - COMPLETE address information for all authors, including fax, e-mail, and homepage, if available

Live Demonstrations

If you would like to present a live demonstration of products, provide information on platform and audiovisual equipment requirements **BY 31 JULY 2004**.

Inquiries and Paper Submissions

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Deadlines and Dates

21 MAY 2004 - DEADLINE FOR SUBMISSION OF ABSTRACTS

31 MAY 2004 - Notification of acceptance; preliminary workshop program; additional workshop information

31 JULY 2004 - Revised working papers due; uploaded to Commission website

7-9 SEPTEMBER 2004 - Joint Workshop on Ubiquitous, Pervasive and Internet Mapping, Tokyo, JAPAN

Program Committee:

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