

Situation Aware Computing (SACOM2012) Workshop

Situation-aware computing is an emerging computation paradigm for achieving automatic awareness of environmental elements, recognizing their meaning in a particular situation. A number of situation-aware systems have been developed that can dynamically adapt to changing environments; however, the level of situation awareness of web-based services and systems is still low, as the vast majority of existing approaches do not take into account any situational information integrated or infused from various kinds of sensors including that from mobile phone or wearable computers. The SACOM workshop aims to bring together researchers with wide-ranging backgrounds to identify important research questions, to exchange ideas from different research disciplines, and, more generally, to facilitate discussion and innovation in the area of web-based situation-aware computing.

Topics of interest for the workshop include (but are not limited to) situation-aware aspects of:

- E-collaboration
- Personalized e-commerce
- Adaptive and Personalized e-learning, m-learning and u-learning
- Context-specific situation based reasoning
- Mixed-reality initiatives
- Dialog systems
- Recommendation Systems
- Semantic services for mobile users
- General semantic approaches and their applications
- Multi-sensor fusion systems
- Real-time multi-sensor integration
- Real-time emergency response systems

IMPORTANT DATES

Paper Submission (extended!): September 28, 2012 (midnight, Pacific Standard Time)

Authors notification: October 8, 2012

Final camera versions due: October 15, 2012

Authors registration: October 20, 2012

SUBMISSION GUIDELINES

All submissions should be in [IEEE conference style](#) and PDF format. Papers may not exceed 8 pages. Two extra pages can be purchased. Paper submission will only be online via: **Easy Chair**. <http://www.easychair.org/conferences/?conf=sitis2012>

The online system will be used to handle and process all papers and to prepare for the final

proceedings. All submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of expression by at least two reviewers. The organizers will examine the reviews and make final paper selections. More details about the submission process can be found on the conference website.

PUBLICATION

Accepted papers will be included in the conference proceedings and published by IEEE Computer Society and referenced in IEEE explore and major indexes. The proceedings will be available at the conference. Extended version of selected accepted papers will be considered for publication in major journals.

REGISTRATION

At least one author of each accepted paper must register for the workshop. Registration must be done on the **SITIS website** at the time when the author sends the camera-ready copy of the accepted paper to the workshop chair. Workshop registration fee is determined by SITIS. A single registration for the workshop or the conference allows to attend both events.

CHAIR

Setsuo Tsuruta, Tokyo Denki University, Japan

PUBLICITY and LIAISON CHAIR

Takashi, Kawabe Tokyo Denki University, JAPAN

PROGRAM COMMITTEE

Gerald Schaefer, Loughborough University, UK

Kinshuk, Athabasca University, Canada

Albert Dipanda, University of Bourgogne, France

Chbeir Richard, University of Bourgogne, France

Kokou Yetongnon, University of Bourgogne, France

Alejandro Peña Ayala, Mexico Institute of Technology, Mexico

Avelino Gonzalez, University of Central Florida, USA

Vincent Oria, Virginia Institute of Technology, USA

Marzuki Khalid, University Technology Malaysia, Malaysia

Knauf Rainer, Technical University of Ilmenau, Germany

Ernesto Damiani, Università di Milano, Italy

Marco Anisetti, Università di Milano, Italy

Valerio Bellandi, Università di Milano, Italy

Atsuo Yoshitaka, JAIST, Japan

Hajime Kita, Kyoto University, Japan

Hiroyuki Mori, Meiji University, Japan

Katsumi Kawano, Hitachi, Japan

Tadahiko Kimoto, Toyo University, Japan

Takashi Onoyama, Hitachi solutions, Japan

Yoshitaka Sakurai, Tokyo Denki University, Japan

Sabrina Senatore, Università di Salerno, Italy

Mario Doeller, University of Passau, Germany

Nadia Bennani, INSA-Lyon, France