

ICBAKE 2011

(IEEE Conference Record #19492)

2011 International Conference on Biometrics and Kansei Engineering

Sunport Hall, Sept. 19-22, 2011

Takamatsu City, Kagawa Japan

(<http://www.takamatsu.or.jp/eng/>)

Organized by Kagawa University



Co-Sponsorship

IEEE Shikoku Section

IEEE Shikoku Chapter (CAS)

JSKE (Japan Society of Kansei Engineering)

IEICE (The Institute of Electronics, Information and
Communication Engineers) Shikoku Section

SICE (The Society of Instrument and Control
Engineers) Shikoku Section



Cooperation with:

AGH University of Science and Technology

Muroran Institute of Technology, Japan

University of Silesia, Poland

VSB-Technical University of Ostrava, Czech Republic

Silesian University of Technology, Poland

IPI PAN Polish Academy of Sciences, Warsaw, Poland

University of Finance and Management in Bialystok, Poland
Machine Intelligence Research-MIR Labs, USA
Institute of Mathematical Machines IMM, Poland
University of Calcutta, India



Venue

The conference activities will take place in the Hall of Sunport Tower, located in Takamatsu, Japan.

Takamatsu is the capital city of Kagawa prefecture in the northeast corner of Shikoku Island, whose population is about 420,000. The city is the gateway of Shikoku and it faces the "Seto Inland Sea" National Park, which has the beautiful scenery of calm ocean with many beautiful islands. One of them, named "Naoshima" is famous for 007. The island appears in the Raymond Benson's Bond novel "The Man with the Red Tattoo" (2002).

The Sunport Tower is very near to the Takamatsu railway station and Takamatsu Port, so that you can enjoy the great view of the inland sea and also easily visit to Mt. Yashima, the symbol of Takamatsu, and Ritsurin Garden, which has three stars in Michelin Green Guide Japan in 2009.

Purpose of Conference

This second edition of the conference aims to bring many important research streams together: Biometrics and Kansei Engineering. Image Analysis and Biometrics applications in both behavioral and

physiological categories comprise researches in Information Processing Systems and Human Biology, Behavior and people Emotion Measuring Techniques for Identification and Recognition of either their personality of emotional state. Therefore, researchers are encouraged to submit their contributions in both theoretical and practical aspects of the following Topics.

Topics

The topics of the conference include the following scientific research areas of Computer Science.

- Biometrics:

Preprocessing Methods, Feature Extraction, Face Description and Identification, Iris Identification, Fingerprints, Hand Palm and Hand Geometry, Speech and Speaker Recognition and all other topics on Human Description, Classification, Identification and Description.

- Kansei Engineering in:

Philosophy, Management, Information Processing, Kansei Measuring, Business, Goods and New Product Development Design, Interaction, Intelligence in Textile Engineering, Psycho-Physiology, Artificial, Brain, Robotics, Quality of Life and Ecological Life, Human Factors, Advanced Pattern Recognition, Applications/Theory of Emotion & Sensibility.

- Affective Systems:

Face and Gesture Processing, Speech Processing, Evaluation of Affective Expressivity, Affective Database, Annotation and Tools, Music Processing and Interaction.

Paper Presentation

*Regular (6 pages) and Short (4 pages) Papers
Oral Presentation and Posters*

CD Proceedings and Publication



After at least two positive peer-to-peer reviews, **all accepted papers** (presented orally or as a poster) are published in the conference proceedings. The conference CD proceedings will be printed by IEEE CPS.

Instructions to Authors

The paper must be prepared according to *IEEE CS* style format. For a template and submission information, see the following site:

<http://vivi.eng.kagawa-u.ac.jp/~icbake2011/>

Addresses for Correspondence

hattori@eng.kagawa-u.ac.jp

Postconference Publications

A number of selected papers will be published in their extended versions by:

IJBM – International Journal of Biometrics

<http://www.inderscience.com/ijbm>

Also a special issue is planned in the JSKE (Japan Society of Kansei Engineering) *English Journal “Kansei Engineering International Journal”*.

Important Dates (Updated)

Paper Submission Deadline is re-extended to June 27th (noon JST), 2011. (strict deadline)

Full-Paper (4-6 pages - IEEE Format)

July 21st, 2011 Notification of Acceptance

August 1st, 2011 Camera-Ready Submission and Fee-Payment.

**Early Registration: 40,000 Yen,
30,000 Yen for Student.**

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Toru Yamaguchi (Japan)

Jin Zhou (China)

Previous Conferences

CISIM and ACS-CISIM;

ICBAKE 2009 (www.icbake.us.edu.pl)