

Call for Papers
Advances in Biometrics
Special Session of IEEE IAH-MSP 2011
October 14-16 2011, Dalian
<http://bit.kuas.edu.tw/~iihmosp11/>

Background

Widespread and large-scale deployment of biometric systems in areas ranging from border control to non-cooperative surveillance has resulted in renewed interest in a number of research areas ranging from improved capture devices for a variety of biometric characteristics and mechanisms for fusing multiple sensor returns to privacy considerations and the need for standardization of critical aspects such as data interchange formats and signal acquisition. Moreover, applications requiring very high throughput combined with good biometric performance characteristics require re-investigation of underlying assumptions and the development of new algorithms.

The special session is intended to provide a forum for researchers, industry, and users of biometric systems interested in discussion and advancement of the state of the art in biometrics.

Topics of Interest

Topics of interest include but are not limited to the following:

- Novel Capture Devices and Sensing Techniques for Biometrics
- Sensor Fusion for Biometrics
- Biometric Technology (Face, Fingerprint, Vein pattern, Iris, Gait, Signature, etc)
- Multimodal Biometrics
- Biometric Performance Characteristics of Biometric Systems
- Privacy Aspects of Biometric Systems
- Usability Aspects of Biometric Systems
- Benchmark Systems for Biometrics
- Template Protection and Revocable References
- Security Analysis of Biometric Systems and Template Protection
- Attacks on Biometric Systems and their prevention
- Security Evaluation Procedures on Biometric Systems
- Standardization

Publication

Revised full papers accepted for the Special Session on Biometrics will be published by IEEE Press in the IAH-MSP 2011 conference proceedings.

Author Guidelines

Submissions should not exceed 8 pages in IEEE proceedings layout (10pt, two-column format) including references and illustrations. All papers must be submitted electronically in PDF format only.

Submission

Submissions of full papers should be made directly to the session chairs by the following email addresses: **iih-msp11_Biometrics@igd.fraunhofer.de**

Important Dates

Submission of manuscripts: **April 4, 2011**
Notification of acceptance: **May 31, 2011**
Submission of camera-ready papers: **July 2, 2011**

Conference Location

The Fifth International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIH-MSP '11) is technically co-sponsored by IEEE and hosted by Dalian University of Technology, Dalian, China.

Further Information and Submissions

For further information and to submit please contact one of the session co-chairs:

Prof. Dr. Christoph Busch

Norwegian Information Security Laboratory
Gjøvik University College
P.O. Box 191, N-2802 Gjøvik
Norway
christoph.busch@hig.no

Prof. Dr. Stephen D. Wolthusen

Information Security Group
Royal Holloway, University of London
Egham, Surrey TW20 0EX
United Kingdom
stephen.wolthusen@rhul.ac.uk

Dr. Judith Liu-Jimenez

University Group of Identification Technology
Department of Electronic Technology
Escuela Politecnica Superior
Carlos III University of Madrid
Avda. Universidad 30, 28911 Leganes (Madrid)
Spain
jliu@ing.uc3m.es

Xuebing Zhou

Fraunhofer Institute IGD
Department for Security Technology
Fraunhoferstr. 5
64283 Darmstadt
Germany
xuebing.zhou@igd.fraunhofer.de

Email: **iih-msp11_Biometrics@igd.fraunhofer.de**