



Call for Papers

Special Session on Biometric based Security for Information Technology

in Conjunction with

2nd World Congress on Information and Communication Technologies

With the advancement of ICT for social fostering, there is a strong need of security. Biometrics is considered to be the most reliable means to secure data that has to be transferred digitally. It extracts physiological and behavioral characteristics of an individual and generates a living password. However, though being a developed technology, but still it suffers from various challenges which need careful attention before the mass scale deployment. The public acceptance of biometrics is greatly dependent upon its ease of use, social status, performance, and feasibility of spoofing. There is a strong need to study biometric technologies in context of its applicability to ICT. Biometrics for ICT provides high potential for deployment into commercial, government and law enforcement. This motivates the research in the area of biometrics with a path forward.

The topics of interest include but are not limited to--

- Physiological and behavioral traits
- Privacy issues and template protection techniques
- Indexing and retrieval of large biometric data
- Multimodal biometrics and fusion approaches
- Template update
- Anti-spoofing issues in biometrics
- Novel biometric traits
- Biometrics interoperability
- Quality based biometric assessment
- Latent fingerprint recognition
- Mosaicing in biometrics
- Applications to ICT

Instructions to the Authors

The researchers are invited to submit an original unpublished work of not more than 6 pages in IEEE 8.5 two-column format. Papers will be evaluated for originality, significance, clarity, and soundness, and will be reviewed by at least two independent reviewers. The template for papers can be downloaded from the following links [Microsoft Word](#) and [LaTeX](#). Please upload your papers using the following [submission portal](#).

All accepted and registered papers will appear in the proceedings published by IEEE and fully indexed by IEEE Xplore provided they are presented by author(s) personally.

Important Dates

Paper submission due: August 15, 2012

Notification of paper acceptance: September 15, 2012

Final manuscript due: September 30, 2012

Registration and full payment due: September 30, 2012

Conference date: October 30-November 02, 2012

Organizers

- **Dr. Badrinath G. S**, Samsung Electronics, India
- **Hunny Mehrotra**, National Institute of Technology Rourkela, India

Program Committee

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