



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:

RECENT ADVANCES IN BIOMETRIC TECHNOLOGY

Name, Title and Affiliation of Chair:

Chair: Associate Professor Dr. Dzati Athiar Ramli

Co. Chair: Associate Professor Dr. Bakhtiar Affendi Rosdi

Co. Chair: Associate Professor Dr. Haidi Ibrahim

Intelligent Biometric Research Group (IBG), School of Electrical & Electronic Engineering, Universiti Sains Malaysia (USM)

Details of Session (including aim and scope):

24th KES International Conference on Knowledge-Based and Intelligent Information & Engineering Systems 2020 (KES2020).

16, 17 & 18 September 2020, Verona, Italy.

AIM:

The invited session provides researchers a forum to explore and present their findings in algorithms, technology and future trends for Biometric Systems. This includes providing artificial intelligent algorithm, machine learning, computer vision, data security and privacy, mobile technology, big data, Internet of Things (IoT) and other related areas to biometrics.

Topics of interest include but are not limited to:

- Biometrics including Physiological and Behavioural Biometrics (Fingerprint, Speech, Keystroke, Gait, Iris, ECG etc.), Multimodal Biometrics and Biometric Protocol.
- Pattern recognition, Artificial Intelligence and Machine Learning related to Biometrics.
- Applications of Biometrics in Forensics, Law Enforcement, Smart Banking and Healthcare.
- Biometric Technology for Mobile and IoT Devices and Applications.
- Security and Privacy issues of Biometrics including Presentation Attacks, Biometric Template Protection, Cyber Security and other Vulnerabilities.
- Future Trends of Biometric Technology.

Submissions for the conference must be made as complete papers (there is no abstract submission stage) submitted through the [PROSE online submission and review system](#).

Papers are required in PDF format, however each must be accompanied by the source text, either in Latex or MS Word.

Authors who submit and present their work will have their work published and indexed internationally by Elsevier's Procedia Computer Science.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Intelligent Biometric Research Group (IBG), School of Electrical & Electronic Engineering, Universiti Sains Malaysia (USM): dzati@usm.my

Website URL of Call for Papers (if any):**Email & Contact Details:**

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Submission deadline: **4 May 2020**

Notification of Acceptance: 30 May 2020

Final paper publication files: 15 June 2020

Authors registration deadline: 15 May 2020

