

INVITED SESSION SUMMARY**Title of Session:**

RECENT ADVANCES IN BIOMETRIC TECHNOLOGY

Name, Title and Affiliation of Chair:

Chair:

Assoc. Prof. Dr. Dzati Athiar Ramli

School Of Electrical & Electronic Engineering (SEEE), Universiti Sains Malaysia (USM), Malaysia

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Co. Chaired by:

Prof. Abdellah Chehri

University of Quebec- UQAC, Canada

achehri@ugac.ca

Co. Chaired by:

Dr. Ng Theam Foo

Centre for Global Sustainability Studies (CGSS), Universiti Sains Malaysia

tfng@usm.my**Details of Session (including aim and scope):****26th KES International Conference on Knowledge-Based and Intelligent Information & Engineering Systems 2022 (KES2022)****7, 8 & 9 September 2022, Verona, Italy.**

AIM:

The main goal of this invited session is to provide researchers from all over the world a forum to explore and present their findings related to Biometrics Technology. This includes providing artificial intelligent algorithms, machine learning algorithms, computer vision, data security and privacy, mobile technology, big data, Internet of Things (IoT) and other related areas related to biometrics.

Topics of interest include but are not limited to:

- Biometric modality 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.
- Any other relevant fields related to authentication and identification systems.

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:

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: TBA

Notification of Acceptance: TBA

Final paper publication files: TBA

Authors registration deadline: TBA