

**Special Session on
Artificial Intelligence techniques for Biometric applications
at
16th International Conference on Information Assurance and Security
(IAS 2021)
on
World Wide Web
December 14-16, 2021**

<http://www.mirlabs.org/ias21/>

Objectives and Scope

The objective of this special session is to understand the applications of Artificial intelligence (AI) and deep learning approaches to solve real world problems related to biometric and its security. Artificial Intelligence (AI) has been of great assistance in the biometric industry. Biometric technologies are rapidly becoming a part of the daily life of across the world. Biometric trends are Banking, medicine, marketing and other industries where personal identification is required.

The scope of this session includes authentication, indexing, template protection, spoofing attack detection, ROI detection, gender classification, Behavioural biometrics etc.

This special session aims to invite research scholars across the globes who are interested in doing research in bio metric applications.

Subtopics

The topics include, but are not limited to:

- Keystroke dynamics
- Facial recognition
- Voice recognition
- Gait detection
- Face Recognition.
- Speaker (Voice) Recognition.
- Fingerprint Recognition.
- Behavioral Biometrics.
- Crossmatch – 'Composite' Biometric Authentication.
- Tygart Technology – Facial Recognition from Videos.
- Onfido – Facial Biometrics.
- EyeLock – Iris Recognition.
- DNA Matching.

Paper Publications

- Proceedings will be published in Lecture Notes in Networks and Systems, Springer (Indexed in SCOPUS, INSPEC, WTI Frankfurt eG, zbMATH, SCImago)
<https://www.springer.com/series/15179>
- Papers maximum length is 10 pages
- Papers must be formatted according to Springer format (Latex/word) available at:
<https://www.springer.com/de/authors-editors/book-authors-editors/manuscript-preparation/5636#c3324>

Important Dates

Paper submission due: September 30, 2021

Notification of paper acceptance: October 31, 2021

Registration and Final manuscript due: November 15, 2021

Conference: December 13-15, 2021

Special Session Chairs

- Dr. Shankru Guggari, Member, Machine Intelligence Research Labs, USA, Data Scientist, Query data systems Pvt. Ltd, Bengaluru
- Dr. Rupam Kumar Sharma, Assam Don Bosco University, India
- Dr. M.A Jabbar, Vardhaman College of Engineering, Hyderabad

Information Contact: Shankru Guggari <shankar286@gmail.com>