

| About the Conference

Biometrics provides efficient and reliable solutions to recognise individuals. With increasing number of identity theft and miss-use incidents we do observe a significant fraud in e-commerce and thus growing interests on trustworthiness of person authentication. Nowadays we find biometric applications in areas like border control, national ID cards, e-banking, e-commerce, e-health etc. Large-scale applications such as the upcoming European Union Entry Exit System (EES), the Visa Information System (VIS) and Unique Identification (UID) in India require high accuracy and reliability, interoperability, scalability, and usability. Many of these are joint requirements also for forensic applications.

Multimodal biometrics combined with fusion techniques can improve recognition performance. Efficient searching or indexing methods can accelerate identification efficiency. Additionally, quality of captured biometric samples can strongly influence the performance. Moreover, mobile biometrics is now a well-established area and biometrics-based smartphones can support deployment and acceptance of bio-metric

Important Dates

SEP
25

CONFERENCE
DATE
**September
25-26,
2025**

systems.

However, concerns about security and privacy cannot be neglected. The relevant techniques in presentation attack detection (liveness detection) and template protection are about to supplement biometric systems, in order to improve robustness to (deep) fakes and prevent potential attacks such as cross matching, identity theft, etc.

The BIOSIG 2024 conference addresses these issues and will present innovations and best practices that can be transferred into future applications. The conference is jointly organised by the Competence Center for Applied Security Technology (CAST), the German Federal Office for Information Security (BSI), the European Association for Biometrics (EAB), the Norwegian Biometrics Laboratory (NBL), National Research Center for Applied Cybersecurity (ATHENE), the Universität der Bundeswehr München, the Fraunhofer Institute for Computer Graphics Research IGD, IET Biometrics Journal, and the special interest group BIOSIG of the Gesellschaft für Informatik e.V. (GI). Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

We invite stakeholders and technical experts to submit original research papers. Industrial contributions presenting lessons learnt from practical usage, case study, and recent results of prototypes, are also welcomed.

General Chair: Marta Gomez-Barrero

Program Chairs: Kiran Raja, Christian Rathgeb,
Massimiliano Todisco, Meiling Fang, Naser Damer
Publication Chair: Fadi Boutros, Pedro Neto
Publicity Chair: Victor Philip Busch, Ana Filipa
Sequeira
Local Chairs: Alexander Nouak, Simone
Zimmermann

 **TOPICS OF INTEREST**

2 topics

Research papers are invited in, but not limited to,
the following areas:

Uncategorized

Cybersecurity &
Privacy