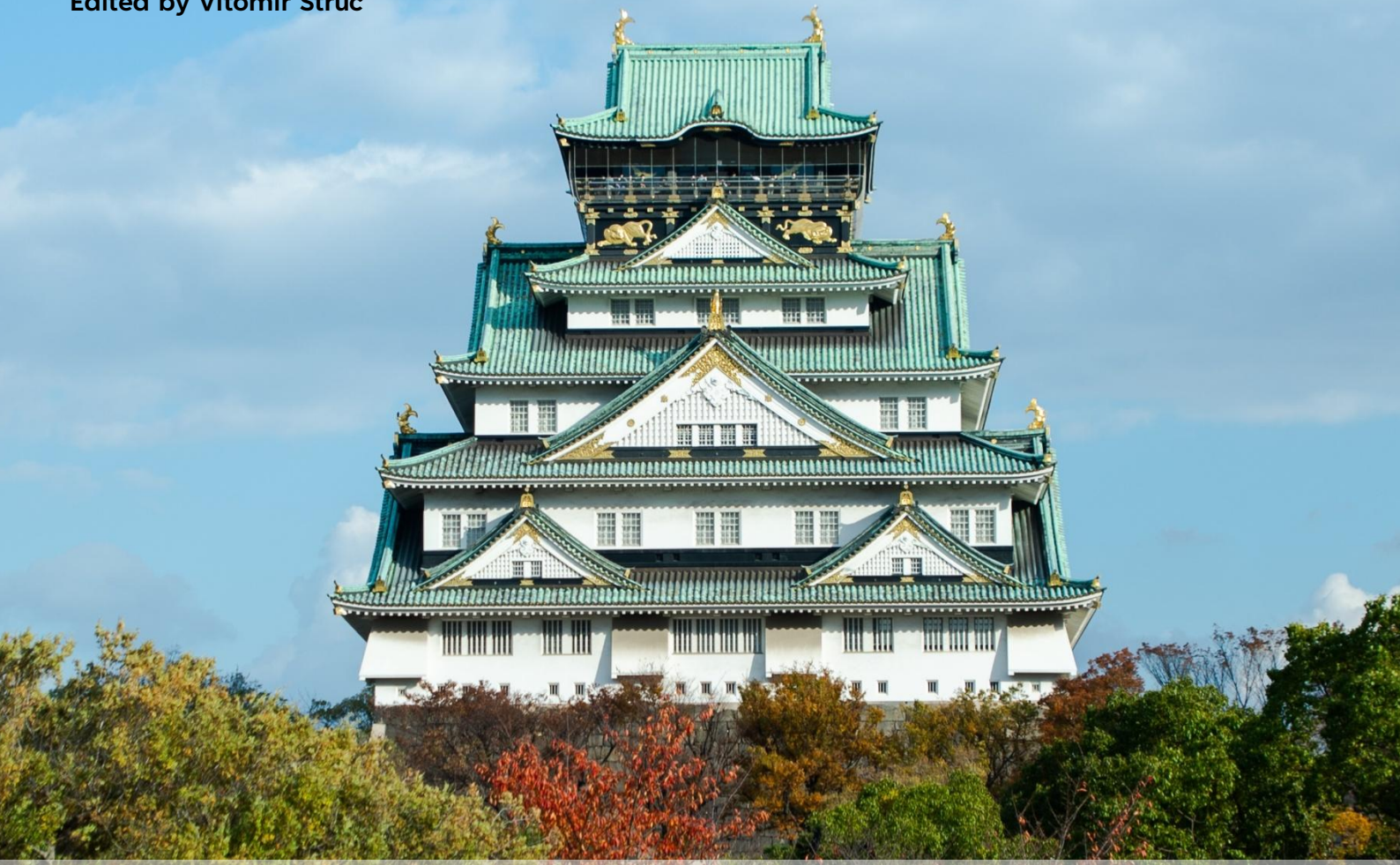
IEEE International Joint Conference on Biometrics

IEEE

Conference Booklet

Edited by Vitomir Štruc



IEEE IJCB 2025

Osaka, Japan

8-11 September 2025

IEEE International Joint Conference on Biometrics

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Welcome

Welcome Message

Welcome to the 2025 edition of the IEEE International Joint Conference on Biometrics (IJCB), which is the premier international forum for research on biometrics and related technologies. The conference is sponsored jointly by the IEEE Biometrics Council and the IAPR Technical Committee on Biometrics (TC-4) and is a fully in-person event in Osaka, Japan. We are very excited to have you with us, to be able to meet face-to-face, exchange ideas and discuss the latest advancements in biometrics research.

The IJCB conference series continues to attract high-quality submissions on a broad range of topics related to biometrics and supporting technologies. This year, the conference received 243 papers, which underwent a rigorous peer-review procedure overseen by the IJCB 2025 Program Chairs (Lale Akarun, Koichi Ito, Karthik Nandakumar, Vitomir Štruc, and Xiangyu Zhu) and 33 Area Chairs. More than 210 reviewers helped with the reviewing process, provided comments on the submissions, and participated in the discussions during the rebuttal phase. Ultimately, 95 (39.1%) highest-quality papers were accepted for presentation at IJCB 2025, out of which 36 (14.8%) were scheduled as orals, and the remaining 59 (24.3%) as posters. Papers co-authored by either Program or General Chairs were handled with chair conflicts enabled in CMT. Ten competitions on different biometrics-related problems (e.g., footstep recognition, iris and fingerprint liveness detection, adversarial attack, human identification at a distance, optical flow for gait, aerial-ground person ReID, sclera segmentation, presentation attack on ID cards, and wild fingerprint) are also accepted to be part of IJCB this year. These competitions produced summary papers that are included in the technical program of the conference.

Four special sessions are also being held in the scope of IJCB 2025, and we thank the special session organizers for enriching the regular conference program with posters and talks on several timely topics. Naser Damer, Antitza Dantcheva, Abhijit Das, Marija Ivanovska, Raghavendra Ramachandra, and Vitomir Štruc organized a special session on "Recent Advances in Detecting Manipulation Attacks on Biometric Systems"; Jianhang Zhou, Shuping Zhao, Bob Zhang, Qi Zhang, and Xing Wu spearheaded a session on "Privacy-Preserving Biometrics: Advances in Methodologies and Applications"; Sujit Biswas, Kashif Sharif, Ashok Kumar Pradhan, and Md Atiqur Rahman Ahad organized a special session on "Decentralised Identity and Biometric Authentication in Smart City Applications", and Rie Yamaguchi, Masakatsu Nishigaki, and Ryosuke Kobayashi set up a session on "Tackling Safety Issues in the Emerging Cybernetic Avatar Era". The special sessions received a total of 46 submissions and 25 (54.3%) were selected for presentation based on a peer-review procedure overseen by the special session organizers. Submissions from the organizers were handled separately to avoid conflicts of interest.

In addition to the paper presentations, IJCB also hosts keynotes from leading researchers and winners of awards from IJCB's sponsoring societies. Prof. Alice O'Toole from the University of Texas at Dallas will give a talk titled "Face, Body, and Person Identification in Real-world Viewing Conditions", and Prof. Fumio Shimpo from Keio University will share a keynote address on "Establishing Trust Infrastructure for Avatar Society: Biometric Authentication and the E3LSI Approach for Safe and Secure Cybernetic Avatars". The conference will also have talks by the winner of the IAPR Young Biometrics Investigator Award (YBIA) and the 2025 IEEE Biometrics Council Leadership and Meritorious Service Award recipients. All winners will be announced during the conference.

New this year are presentations of recently completed or ongoing research projects related to biometrics. These will be presented as part of a dedicated project-oriented session. IJCB 2025 is also pleased to host a dedicated session on Women in Biometrics (WiB), an initiative to recognize and amplify

Welcome

the contributions of women researchers in the biometrics community. Despite the growing global reach and impact of biometrics, women remain underrepresented across academia, industry, and policy. This session aims to provide a supportive and visible platform for women researchers to share their scientific achievements, inspire the next generation, and foster new connections across continents. Finally, a Doctoral Consortium is also planned that will give young researchers the opportunity to meet with established researchers and leaders from academia and discuss their work and career opportunities.

Beyond the technical program, IJCB 2025 also offers a range of enriching activities, including a technical visit to JAMBASE, where living labs will be hosted by Professors Hiroshi Ishiguro and Yasushi Yagi of the University of Osaka, a welcome reception at the conference site, the Knowledge Theater, and a social event at the Yamamoto Noh Theater performing the IJCB2025 ceremony and traditional performing arts. We hope these events will give you the chance to make new friends and make your stay in Osaka as memorable as possible.

We are grateful for the support from our sponsors and supporters. This year, Griaule is a Platinum sponsor; NEC, Fujitsu, and Hitachi are Gold sponsors; NeuroTechnology is a Silver Sponsor; and Amazon is a Bronze sponsor. We also extend our sincere thanks to the University of Osaka and IAPR for generously supporting the keynote speaker's travel. IJCB 2025 continues to champion inclusivity, diversity, ethical AI, and socially responsible research, ensuring a platform where voices from across disciplines and geographies contribute to advancing the future of biometric science. We highly appreciate the contributions of the IEEE Biometrics Council through its DEI travel grant program that allowed us to support researchers from various underrepresented groups in attending IJCB 2025. To all the sponsors and supporters, thank you! Without you, this conference would not have been possible.

We also wish to thank all members of the Organizing Committee for their hard work and effort in making IJCB 2025 a success: the Finance Chairs Daigo Muramatsu and Raghavendra Ramachandra; the Local Arrangement Chairs Kota Aoki, Tetsushi Ohki and Masakatsu Nishigaki; the Publication Chairs Marta Gomez-Barrero and Yan Sun; the Industry Chairs Oleg Komogortsev, Swapnil Saha and Yukiko Yanagawa; the Publicity Chairs Ana Filipa Sequeira, Boulbaba Ben Amor, Takafumi Aoki, Yongzhen Huang, and Rie Yamaguchi; the Sponsorship Chairs Tetsushi Ohki and Jian Wang; the Special Session Chairs Allam Shehata and Upal Mahbub; the Tutorial Chairs Anderson Rocha and Md. Zasim Uddin; the Challenge and Demo Chairs Ana Filipa Sequeira and Naser Damer; the Graduate Consortium Chair Hu Han; the Diversity and Inclusion Chairs Aparna Bharati and Ajita Rattani; and the Web Chairs Chi Xu and Xiang Li. We are grateful to the members of Advisory Committee Bir Bhanu, Ioannis A. Kakadiaris, Kevin Bowyer, Patrick Flynn, Rama Chellappa, and Tieniu Tan. We also thank Shuqiong Wu, Ákos Godó, Ruochen Liao, Alsherfawi Aljazaerly Mohamad Ammar Ayman, our technical staff and the administrative staff of Yagi Laboratory as well as our student volunteers for helping in the conference organization.

Md Atiqur Rahman Ahad, Hitoshi Imaoka, Mark Nixon, Yasushi Yagi
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Lale Akarun, Koichi Ito, Karthik Nandakumar, Vitomir Štruc, and Xiangyu Zhu
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Recent Advances in Detecting Manipulation Attacks on Biometric Systems

- Naser Damer, Antitza Dantcheva, Abhijit Das, Marija Ivanovska, Raghavendra Ramachandra, and Vitomir Štruc

Privacy-Preserving Biometrics: Advances in Methodologies and Applications

- Jianhang Zhou, Shuping Zhao, Bob Zhang, Qi Zhang, and Xing Wu

Decentralised Identity and Biometric Authentication in Smart City Applications

- Sujit Biswas, Kashif Sharif, Ashok Kumar Pradhan, and Md Atiqur Rahman Ahad

Tackling Safety Issues in the Emerging Cybernetic Avatar Era

- Rie Yamaguchi, Masakatsu Nishigaki, and Ryosuke Kobayashi

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Main conference (Outstanding reviewers are in bold)

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- Abhijit Das
- Nuno Gonçalves
- Tiago Gonçalves
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Keynotes at a Glance

Tuesday, 9 September 2025, 11:35 - 12:35:

Alice O'Toole, University of Texas at Dallas

KEYNOTE: Face, Body, and Person Identification in Real-world Viewing Conditions

Wednesday, 10 September 2025, 11:20 - 12:20:

Fumio Shimpo, Keio University

KEYNOTE: Establishing Trust Infrastructure for Avatar Society: Biometric Authentication and the E3LSI Approach for Safe and Secure Cybernetic Avatars

Thursday, 11 September 2025, 11:10 – 12:10:

Winner of the IAPR Young Biometrics Investigator Award

KEYNOTE: Will be announced at the conference

IJCB 2025 Keynotes

Prof. Alice O'Toole, University of Texas at Dallas

KEYNOTE: Face, Body, and Person Identification in Real-world Viewing Conditions

Dr. Alice J. O'Toole is a Professor of Psychology in the School of Behavioral and Brain Sciences at The University of Texas at Dallas. She holds the Aage and Margareta Møller Endowed Professorship, awarded in September 2008. With a Ph.D. in Experimental Psychology from Brown University (1988) and a B.A. from The Catholic University of America (1983), Dr. O'Toole's research bridges human and machine face, body, and person perception. Her work focuses on how people recognize identities from static images and video, comparing human performance to state-of-the-art face and body recognition algorithms. Her research has received support from the National Institutes of Health, the National Institute of Standards and Technology, DARPA, and the Department of Defense. Dr. O'Toole has served as an associate editor for multiple journals, including the British Journal of Psychology, Psychological Science, Journal of Vision, and IEEE Transactions on Biometrics, Behavior and Identity Science.

ABSTRACT: Face recognition algorithms are highly accurate at establishing the unique identity of individuals in controlled conditions. In natural viewing conditions, however, facial identity information is commonly degraded or obscured (e.g., viewed at distance or from extreme angles). When the face is unusable or inaccessible, information about the shape of the body can constrain identity decisions. Body shape can contribute to person identification by supporting/vetoing tentative face identifications. As such, it can serve as a valuable biometric, even if it does not uniquely identify an individual. In this talk, I will present multiple machine-

based approaches to body/person identification. I will also explore the complex challenge of integrating face and body information to achieve more accurate person identification. I will draw on lessons learned from the human visual system, which accomplishes this integration with remarkable flexibility and adaptability, modulating its reliance on the face vs. body depending on the viewing conditions.

Prof. Fumio Shimpo, Keio University

KEYNOTE: Establishing Trust Infrastructure for Avatar Society: Biometric Authentication and the E3LSI Approach for Safe and Secure Cybernetic Avatars

Dr. Fumio Shimpo is a Professor and Vice Dean of Faculty of Policy Management at Keio University. Ph.D in Law. The area of academic expertise is Constitutional Law, Cyber-Law and Robot Law. He is currently the project manager of the Moonshot R&D program, Realization of a Society that can Use Cybernetic Avatars Safely and Securely. A former Commissioner for International Academic Exchange at the Personal Information Protection Commission of Japan (2018-2023), and the former Vice-Chair of the OECD Working Party on Security and Privacy in the Digital Economy (SPDE)(2009-2016).

ABSTRACT: Japan's Moonshot R&D Project advances the realization of safe, secure cybernetic avatars by pioneering an E3LSI framework that integrates Ethical, Economic, Environmental, Legal, and Social Issues into system design and deployment. This project highlights the development of a biometric-based trust infrastructure that serves as the technical nucleus of avatar authentication and identity assurance. These findings confirm that the E3LSI approach simultaneously strengthens technical robustness and addresses broader societal imperatives. By establishing verifiable trust mechanisms and comprehensive evaluation metrics, the research lays the groundwork for human interaction through cybernetic avatars with enhanced confidence

IJCB 2025 Program at a Glance

Week's Schedule at a Glance

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Doctoral Consortium
Women in Biometrics</td><td>Main Conference</td><td>Main Conference</td><td>Main Conference</td></tr>
<tr><td colspan="4">Lunch</td></tr>
<tr><td rowspan="3">Special Sessions
Tutorials
Doctoral Consortium
AE Training for TBIOM
Project Presentations</td><td>Main Conference</td><td>Main Conference</td><td rowspan="3">Main Conference</td></tr>
<tr><td rowspan="2">Welcome Reception</td><td>Technical Visits to JAMBASE</td></tr>
<tr><td>Banquet</td></tr>
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Program Overview

Monday, 8. September 2025

8:45 - 9:30	Registration

Time	Room 1
9:20 – 11:20	Special Session #1: Recent Advances in Detecting Manipulation Attacks on Biometric Systems (ADMA-2025)
11:20 – 12:20	Lunch
12:20 – 14:20	Special Session #3: Decentralised Identity and Biometric Authentication in Smart City Applications
14:20 – 14:40	Coffee Break
14:40 – 15:40	AE Training for TBIOM
15:40 – 15:45	Break
15:45 – 17:45	Special Session #4: Tackling Safety Issues in the Emerging Cybernetic Avatar Era

Time	Room 2
9:20 – 11:20	Special Session #2: Privacy-Preserving Biometrics: Advances in Methodologies and Applications
11:20 – 12:20	Lunch
12:20 – 14:20	Competition session #1
14:20 – 14:40	Coffee Break
14:40 – 16:40	Competition session #2

IJCB 2025 Program at a Glance

Time	Room 3
9:20 – 11:20	Tutorial #1
11:20 – 12:20	Lunch
12:20 – 14:20	Tutorial #1
14:20 – 14:40	Coffee Break
14:40 – 17:40	Tutorial #2: Power Papers: Some Practical Pointers

Time	Room 4
9:20 – 11:20	Doctoral Consortium
11:20 – 12:20	Lunch
12:20 – 14:20	Project Presentation Session
14:20 – 14:40	Coffee Break
14:40 – 16:40	Women in Biometrics

Tuesday, 9. September 2025

8:30 – 17:00	Registration
9:25 – 9:40	IJCB 2025 Opening session
9:40 – 11:10	Oral Session #1: Face Recognition
11:10 – 11:30	Coffee Break
11:30 – 12:30	Keynote #1 - Alice O'Toole, University of Texas at Dallas
12:30 – 13:15	Poster Spotlight #1
13:15– 14:30	Lunch
14:30 – 16:00	Oral Session #2: Fingerprint Recognition
16:00 – 16:20	IEEE Biometrics Council Leadership Award Winner Talk
16:20 – 16:50	Coffee Break
16:20 – 18:20	Poster Session #1
16:20 – 18:20	Demo Session
18:30 – 20:30	IJCB 2025 Welcome Reception

IJCB 2025 Program at a Glance

Wednesday, 10. September 2025

9:00 – 17:00	Registration
9:30 – 11:00	Oral Session #3: Biometrics Security & Privacy
11:00 – 11:20	Coffee Break
11:20 – 12:20	Keynote #2 - Fumio Shimpo, Keio University
12:20 – 13:05	Poster Spotlight #2
13:05 – 14:10	Lunch
14:10 – 15:40	Oral Session #4: Synthetic Data/ Deepfakes/ Forensics
15:40 – 16:10	Coffee Break
15:40 – 17:40	Poster Session #2
16:00 – 17:30	Technical Visits to JAMBASE
18:50 – 21:00	IJCB 2025 Banquet and Award Ceremony

Thursday, 11. September 2025

9:00 – 13:00	Registration
9:20 – 10:50	Oral Session #5: Gait, Gesture & Action Recognition
10:50 – 11:10	Coffee break
11:10 – 12:10	Keynote #3 – YBIA Winner
12:10 – 12:55	Poster Spotlight #3
12:55 – 14:00	Lunch
14:00 – 15:30	Oral Session #6: Multimodal & Other Biometric Modalities
15:30 – 16:00	Coffee break
15:30 – 17:30	Poster Session #3
17:30 – 17:45	Closing Session

Detailed Program

Monday, 8 September 2025

Room 1	
9:20 – 11:20	**Special Session #1: Recent Advances in Detecting Manipulation Attacks on Biometric Systems (ADMA-2025)** Organizers: Naser Damer, Antitza Dantcheva, Abhijit Das, Marija Ivanovska, Raghavendra Ramachandra, and Vitomir Štruc 1. Learning the Difference with TimFusNet: A Deep Time-Frequency Encoding Approach for Generalizable Face Morphing Detection; Manasa R, Raghavendra Ramachandra, Pavan Kumar, Sushma Venkatsh 2. User-Customizable Voice Anonymization Through Personalized Style Transfer; Wenny Ramadha Putri, Chun-Shien Lu, Jia-Ching Wang 3. SFCL: A Spatial-Frequency Collaborative Learning Framework for Generalizable Deepfake Detection; Mengyu Qiao, Runze Tian, Yunpeng Zhai, Chen Li 4. Investigating the Viability of employing Multi-modal Large Language Models in the context of Audio Deepfake Detection; Akansha R, Shuesh Reddy, Sudeepta R, Abhijit Das, Abhinav Dhall 5. A Controllable 3D Deepfake Generation Framework with Gaussian Splatting; Wending Liu, Siyun Liang, Huy Nguyen, Isao Echizen
11:20 – 12:20	**Lunch** Room: TBD
12:20 – 14:20	**Special Session #3: Decentralised Identity and Biometric Authentication in Smart City Applications** Organizers: Sujit Biswas, Kashif Sharif, Ashok Kumar Pradhan, and Md Atiqur Rahman Ahad 1. FROQ: Observing Face Recognition Models for Efficient Quality Assessment, Žiga Babnik, Deepak Kumar Jain, Peter Peer, Vitomir Štruc 2. Behavioral Signature Decoding: Facial Landmark-based Graph Learning for Cybernetic Avatar Authentication, Ammar Alsherfawi, Jianhang Zhou, Allam Shehata, Yasushi Yagi 3. Evaluating Deep Learning-Based Face Recognition for Infants and Toddlers: Impact of Age Across Developmental Stages, Afzal Hossain, Mst Rumana Sumi, Stephanie Schuckers 4. Quantum Secure Biometric Authentication in Decentralised Systems, Tooba

	Qasim, Vasilios A. Siris, Izak Oosthuizen, Muttukrishnan Rajarajan, Sujit Biswas 5. DeepShieldFed: Securing Face Templates via Deep Cancelable Transforms and Federated Learning, Amber Hayat, Md Atiqur Rahman Ahad, Vireshwar Kumar, Ashok Kumar Bhateja Panel Discussion: Decentralised Identity and Biometric Authentication in Smart City Applications Panellists: Each presenter of each paper of this session.
14:20 – 14:40	**Coffee Break** Room: TBD
14:40 – 15:40	**Associate Editor (AE) Training for TBIOM** Presenter/Tutor: Patrizio Campisi
15:40 – 15:45	**Break**
15:45 – 17:15	**Special Session #4: Tackling Safety Issues in the Emerging Cybernetic Avatar Era** Organizers: Rie Yamaguchi, Masakatsu Nishigaki, and Ryosuke Kobayashi 1. EEG-based User Authentication in Realistic Scenarios: From Solo Reading to Dialog Games: Chi Xu, Xiang Li, Shuqiong Wu, Yasushi Yagi 2. Is It Really You? Exploring Biometric Verification Scenarios in Photorealistic Talking-Head Avatar Videos: Laura Pedrouzo-Rodriguez, Pedro Delgado-DeRobles, Luis F. Gomez, Ruben Tolosana, Ruben Vera-Rodriguez, Aythami Morales, Julian Fierrez Invited Talk: Cybernetic Avatar Security: Backcasting from Service Use Cases in the Year 2050, Invited Speaker: Masakatsu Nishigaki (Shizuoka University)

Room 2	
9:20 – 11:20	**Special Session #2: Privacy-Preserving Biometrics: Advances in Methodologies and Applications** Organizers: Jianhang Zhou, Shuping Zhao, Bob Zhang, Qi Zhang, and Xing Wu 1. Mask-guided Cross Palm Attention Network for Palmprint Image Super-Resolution, Kaiting Huang; Zhixin Xu; Yao Wang; Jing Zhang; Lunke Fei;

	Jinrong Cui 2. Bio-IL: A Robust Decentralized Biometric Recognition System Using Isomerism Learning with Heterogeneous Models on Private Blockchain, Zhihao Hao; Qiqiao He; Chao Chang; Zhixin Xu; Haisheng Li; Jianhua Guo; Junping Du 3. Reconstruct and De-identify (RaD): A Joint Task Framework for Face Reconstruction and De-identification Leveraging the 3D Morphable Model Explainability, Allam Shehata; Ammar Alsherfawi; Yasushi Yagi 4. Integrating LLM in Privacy-Sensitive Age Estimation: A Tongue-Based Biometric Framework, Jian Hwee Ang; Aotong Li; Jintao Wang; Bob Zhang 5. FakeIDet: Exploring Patches for Privacy-Preserving Fake ID Detection, Javier Muñoz-Haro; Ruben Tolosana; Ruben Vera-Rodriguez; Aythami Morales; Julian Fierrez 6. DAGait: Enhancing Gait Recognition with Dynamic Adversarial Training, Xiaona Zheng; Qintai Hu; Shuping Zhao; Jigang Wu 7. Privacy-preserving Facial-based Diagnosis with Shared-Attention Multitask Learning, Jian Hwee Ang; Jianhang Zhou; Xing Wu 8. Syn-IDPass: Passport Synthetic Dataset for Presentation Attack Detection, Juan Tapia; Fabian Stockhardt; Lazaro-Janier Gonzalez-Soler; Christoph Busch 9. Enhancing Privacy in Face Recognition With Dual-Path Feature Compression and Homomorphic Encryption, Wencheng Yang; Song Wang; Di Wu; Zhaohui Tang; Xu Yang; Hui Cui; Michael Johnstone; Yan Li 10. Training-free Dimensionality Reduction via Feature Truncation: Enhancing Efficiency in Privacy-preserving Multi-Biometric Systems, Florian Bayer; Maximilian Russo; Christian Rathgeb 11. Detecting Hyper-Realistic Videos Generated by Diffusion Models via Text-Guided Semantic Enhancement, Hing Ling Shum; Zhenyu Zhou; Ajay Kumar 12. AirSignatureDB: Exploring In-Air Signature Biometrics in the Wild and its Privacy Concerns, Marta Robledo-Moreno; Ruben Vera-Rodriguez; Ruben Tolosana; Javier Ortega-Garcia; Andrés Huergo; Julian Fierrez 13. Computational Lighting and Imaging for Secure Deep Vascular Biometrics, Sunil Reddy Aramreddys
11:20 – 12:20	**Lunch** Room: TBD
12:20 – 14:20	**Competition session #1** Session Chairs: Ana F. Sequira, Naser Damer 1. Adversarial Attack Challenge for Secure Face Recognition, Organizers: Youverse; Institute of Systems and Robotics – University of Coimbra

	2. Iris Liveness Detection Competition (LivDet-Iris) , Organizers: Adam Czajka, Kevin Bowyer, Mahsa Mitcheff, Siamul Karim Khan, Samuel Webster, Stephanie Schuckers, Afzal Hossain, Mateusz Trokielewicz, Aleksandra Dzieniszewska, Katarzyna Roszczewska, Ada Sawilska, Jakub Januszkiewicz 3. LivDet2025: Fingerprint Presentation Attack Detection, Organizers: Gian Luca Marcialis, Christoph Busch, Christian Rathgeb, Stephanie C. Schuckers 4. PAD on ID Card (Second Competition) , Organizers: Juan Tapia, Naser Damer, Christoph Busch, Juan M. Espin, Mario Nieto-Hidalgo, Javier Barrachina 5. HID 2025: Human Identification at a Distance, Organizers: Md. Atiqur Rahman Ahad, Yongzhen Huang, Jingzhe Ma, Manuel J Marin-Jimenez, Liang Wang, Shiqi Yu
14:20 – 14:40	**Coffee Break** Room: TBD
14:40 – 16:40	**Competition session #2** Session Chairs: Ana F. Sequira, Naser Damer 1. AG-VPReID 2025: Aerial-Ground Person Re-ID, Organizers: Kien Nguyen Thanh, Clinton Fookes, Sridha Sridharan, Thanh Nhat Huy Nguyen, Feng Liu, Xiaoming Liu, Arun Ross, Dana Michalski 2. SSBC 2025: Sclera Segmentation, Organizers: Abhijit Das, Umapada Pal, Vitomir Štruc, Peter Peer, Darian Tomašević, Matej Vitek 3. Latent in the Wild Fingerprint Recognition, Organizers: Kiran Raja, Xinwei Liu 4. StepUP: Footstep Biometric Competition, Organizers: Robyn Larracy, Aaron Tabor, Eve MacDonald, Angkoon Phinyomark, Erik Scheme Wrap Up session

Room 3	
9:20 – 11:20	**Tutorial #1: TBD** Presenter: TBD
11:20 – 12:20	**Lunch** Room: TBD
12:20 – 14:20	**Tutorial #1: TBD** Presenter: TBD

14:20 – 14:40	**Coffee Break** Room: TBD
14:40 – 17:40	**Tutorial #2: Power Papers: Some Practical Pointers** Presenter: Terence Sim, NUS

Room 4	
9:20 – 11:20	**Doctoral Consortium** Room: TBD DC Chair: Hu Han By invitation only
11:20 – 12:20	**Lunch** Room: TBD
12:20 – 14:20	**Project Presentation Session** Room: TBD Chair: TBD 1. BullyBuster 2 – The Ongoing Fight Against Bullying and Cyberbullying with the Help of Artificial Intelligence for the Human Wellbeing, Orrù, Giulia; La Cava, Simone Maurizio; Marcialis, Gian Luca 2. Gait Recognition with Large-Scale Data and Foundation Models, Yu, Shiqi 3. Smart Biometrics: AI driven Biometric Privacy, Kaur, Harkeerat; Echizen, Isao; Shukla, Rishabh; Khanna, Pritee; Verma, Palak 4. MIXBAI: Mechanistic Interpretability for eXplainable Biometric AI, Grm, Klemen 5. Whole-body Human Identification from a First-Person View, Fan, Chao 6. Towards a Secure Cybernetic Avatar Society: Multi-Modal Behavioral Authentication, Irvan, Mhd; Zimmer, Franziska; Perera, Maharage Nisansala Sevwandi; Kobayashi, Ryosuke; Yamaguchi, Rie Shigetomi 7. Explainable and Robust Detector of Forged Multimedia using NeuroSymbolic and Multimodal AI, Malik, Khalid 8. DROZD – Deepfake Detection and Recognition System, Bartuzi-Trokielewicz, Ewelina; Koźbiał, Michał; Baran, Adam; Banach, Michał; Gajewska, Joanna; Gomulska, Elżbieta; Kordas, Adrian; Martinek, Alicja; Ołowski, Michał; Stankiewicz, Donat; Wójtowicz, Jarosław
14:20 – 14:40	**Coffee Break**

	Room: TBD
14:40 – 16:40	**Women in Biometrics** Room: TBD Chair: TBD

Tuesday, 9 September 2025

9:25 – 9:40	**IJCB 2025 Opening session** Room: Main Hall
9:40 – 11:10	**Oral Session #1: Face Recognition** Room: Main Hall Chair: TBD 1. xEdgeFace: Efficient Cross-Spectral Face Recognition for Edge Devices, George, Anjith; Marcel, Sebastien 2. Towards Zero-Shot ISO/ICAO Face Compliance Verification via CLIP-IQA and Natural Language Prompting, Di Domenico, Nicolò; Borghi, Guido; Franco, Annalisa; Maltoni, Davide 3. GenFIQA: Generative Face Image Quality Assessment via Identity-conditioned Diffusion Model, Yan, Zheyu; Zhao, Weisong; Gao, Li; Pang, Kai; Zhu, Xiangyu; Zhang, Xiao-Yu; Lei, Zhen 4. Unified Knowledge Distillation Framework: Fine-Grained Alignment and Geometric Relationship Preservation for Deep Face Recognition, Mishra, Durgesh; Uikey, Rishabh 5. DiffSpeaker: Speech-Driven 3D Facial Animation with Diffusion Transformer, Ma, Zhiyuan; Zhu, Xiangyu; Qian, Chen; Chen, Shukai; Gao, Li; Qi, Guo-Jun; Zhang, Zhaoxiang; Lei, Zhen 6. VOIDFace: Towards an effective face training data storage and protection with Right To Be Forgotten property, Muhammed, Ajnas; Medvedev, Lurri; Gonçalves, Nuno
11:10 – 11:30	**Coffee Break** Room: Main Hall
11:30 – 12:30	**Keynote #1 – Face, Body, and Person Identification in Real-world Viewing Conditions** Speaker: Alice O'Toole, University of Texas at Dallas Room: Main Hall Chair: TBD

12:30 – 13:15	**Poster Spotlights #1** Room: Main Hall Chair: TBD 1. Occlusion-Aware Attention Model for Robust Ethnicity Identification, Zhang, Zherui; Dasgupta, Abhijit; El-Alfy, Hazem 2. Dynamic Hierarchical Bloom Filters for Scalable Biometric Authentication Systems, Rizvee, Md Mashfiq; Ghosh, Pallabi; Forte, Domenic; Shomaji, Sumaiya 3. Securing Face and Fingerprint Templates in Humanitarian Biometric Systems, Stragapede, Giuseppe; Merrick, Sam; Krivokuća Hahn, Vedrana; Sukaitis, Justin; Graf Narbel, Vincent 4. Towards Robust and Efficient Continuous Face Authentication via Disentangled Representation Learning and Adaptive Identity Completion, Li, Xiang; Xu, Chi; Yagi, Yasushi 5. NLML-HPE: Head Pose Estimation with Limited Data via Manifold Learning, Ghafourian, Mahdi; Mateo Sukno, Federico 6. Enhancing Facial Recognition under Extreme Light Condition Using SWIR-Visible Image Translation, Akashi, Ryuichi; Toizumi, Takahiro; Ito, Atsushi 7. DArFace: Deformation Aware Robustness for Low Quality Face Recognition, Gulshad, Sadaf; Aldahlawi Thakaa, Abdullah 8. CLFE-GAN: A Generation Framework for Contactless Fingerprint Enhancement, Li, Yin; Liu, Feng 9. A Responsible Face Recognition Approach for Small and Mid-Scale Systems Through Personalized Neural Networks, Groß, Sebastian; Heindorf, Stefan; Terhörst, Philipp 10. A Comprehensive Evaluation Framework for the Study of the Effects of Facial Filters on Face Recognition Accuracy, Ozturk, Kagan; Conwill, Louisa; Gutierrez, Jacob; Bowyer, Kevin; Scheirer, Walter 11. MTCAE-DFER: Multi-Task Cascaded Autoencoder for Dynamic Facial Expression Recognition, Xiang, Peihao; Wu, Kaida; Bai, Ou 12. Optimization of Data Collection in Facial Recognition Models through Subsampling Strategies, Tayler, Silvana; Fiori, Marcelo; Preciozzi, Javier 13. M3DHMR: Monocular 3D Hand Mesh Recovery, Lin, Yihong; Wu, Xianjia; Wang, Xilai; Hu, Jianqiao; Lei, Songju; Li, Xiandong; Kang, Wenxiong 14. Spatial Continuity-Aware OCT Fingerprint Reconstruction Using Iterative Feature Enhancement, Zhang, Yilong; Chen, Xuanbing; Zhu, Shengming; Sun, Haohao; Wang, Haixia; Liu, Jian; Dang, Yuanjie; Liang, Ronghua; Chen, Peng 15. rECG: A Guided Diffusion Framework for Remote Electrocardiography Reconstruction from Facial Video, Adami, Banafsheh; Karimian, Nima;

	Dawson, Jeremy 16. VREyeSAM: Virtual Reality Non-Frontal Iris Segmentation using Foundational Model with uncertainty weighted loss, Sharma, Geetanjali; Nagaich, Dev; Jaswal, Gaurav; Nigam, Aditya; Ramachandra, Raghavendra 17. Biometric Confusion Matrix and Inter ZooPlot: Two Novel Visualizations for Biometric Verification Evaluation, Zhu, Boyu; Giot, Romain 18. Identity-Preserving Aging and De-Aging of Faces in the StyleGAN Latent Space, Luevano, Luis; Korshunov, Pavel; Marcel, Sébastien 19. LAMAR: LLM-Guided Adaptive Perceptual Modeling for Micro-Action Recognition, Ru, Yiwei; Wang, Leyuan; He, Ma; He, ZhaoFeng; Sun, Zhenan 20. FaceAnonyMixer: Cancelable Faces via Identity Consistent Latent Space, Mixing Alam, Mohammed Talha; Shamshad, Fahad; Karray, Fakhri; Nandakumar, Karthik
13:15 – 14:30	**Lunch** Room: TBA
14:30 – 16:00	**Oral Session #2: Fingerprint Recognition** Room: Main Hall Chair: TBD 1. Improving Contactless Fingerprint Recognition with Robust 3D Feature Extraction and Graph Embedding, Jia, Yuwei; Zheng, Siyang; Feng, Fei; Cui, Zhe; Su, Fei 2. Pore-DMNet: Joint Pore Descriptor and Metric Learning for High-Resolution Fingerprint Recognition, Li, Shuqi; Wang, Haixia; Pan, Zilan; Zhang, Yilong; Sun, Haohao 3. Learning Interpersonal Similarities in Multiple Fingers via Fingerprint Landmark-Aware Recognition Network, Kim, Jiwon; Shin, Youjin; Woo, Simon S. 4. Contactless Fingerprint Recognition Guided by 3D Finger Pose, Pei, Haoxiang; Pan, Zhiyu; Guan, Xiongjun; Feng, Jianjiang; Zhou, Jie 5. Saliency-Guided Training for Fingerprint Presentation Attack Detection, Webster, Samuel; Czajka, Adam 6. ZJUT-PAD : A New Fingerprint Presentation Attack Detection Database based on Optical Coherence Tomography, Xiao, Kun; Wang, Haixia; Sun, Haohao; Yu, Yang; Zhang, Yilong; Chen, Peng; Pan, Zilan
16:00 – 16:20	**IEEE Biometrics Council Leadership Award Winner Talk** Room: Main Hall Chair: TBD

16:20 – 16:50	**Coffee Break** Room: TBA
16:20 – 18:20	**Poster Session #1** Room: Poster Rooms – Around Main Hall **Main Conference Posters** 1. Occlusion-Aware Attention Model for Robust Ethnicity Identification, Zhang, Zherui; Dasgupta, Abhijit; El-Alfy, Hazem 2. Dynamic Hierarchical Bloom Filters for Scalable Biometric Authentication Systems, Rizvee, Md Mashfiq; Ghosh, Pallabi; Forte, Domenic; Shomaji, Sumaiya 3. Securing Face and Fingerprint Templates in Humanitarian Biometric Systems, Stragapede, Giuseppe; Merrick, Sam; Krivokuća Hahn, Vedrana; Sukaitis, Justin; Graf Narbel, Vincent 4. Towards Robust and Efficient Continuous Face Authentication via Disentangled Representation Learning and Adaptive Identity Completion, Li, Xiang; Xu, Chi; Yagi, Yasushi 5. NLML-HPE: Head Pose Estimation with Limited Data via Manifold Learning, Ghafourian, Mahdi; Mateo Sukno, Federico 6. Enhancing Facial Recognition under Extreme Light Condition Using SWIR-Visible Image Translation, Akashi, Ryuichi; Toizumi, Takahiro; Ito, Atsushi 7. DArFace: Deformation Aware Robustness for Low Quality Face Recognition, Gulshad, Sadaf; Aldahlawi Thakaa, Abdullah 8. CLFE-GAN: A Generation Framework for Contactless Fingerprint Enhancement, Li, Yin; Liu, Feng 9. A Responsible Face Recognition Approach for Small and Mid-Scale Systems Through Personalized Neural Networks, Groß, Sebastian; Heindorf, Stefan; Terhörst, Philipp 10. A Comprehensive Evaluation Framework for the Study of the Effects of Facial Filters on Face Recognition Accuracy, Ozturk, Kagan; Conwill, Louisa; Gutierrez, Jacob; Bowyer, Kevin; Scheirer, Walter 11. MTCAE-DFER: Multi-Task Cascaded Autoencoder for Dynamic Facial Expression Recognition, Xiang, Peihao; Wu, Kaida; Bai, Ou 12. Optimization of Data Collection in Facial Recognition Models through Subsampling Strategies, Tayler, Silvana; Fiori, Marcelo; Preciozzi, Javier 13. M3DHMR: Monocular 3D Hand Mesh Recovery, Lin, Yihong; Wu, Xianjia; Wang, Xilai; Hu, Jianqiao; Lei, Songju; Li, Xiandong; Kang, Wenxiong 14. Spatial Continuity-Aware OCT Fingerprint Reconstruction Using Iterative Feature Enhancement, Zhang, Yilong; Chen, Xuanbing; Zhu, Shengming;

	Sun, Haohao; Wang, Haixia; Liu, Jian; Dang, Yuanjie; Liang, Ronghua; Chen, Peng 15. rECG: A Guided Diffusion Framework for Remote Electrocardiography Reconstruction from Facial Video, Adami, Banafsheh; Karimian, Nima; Dawson, Jeremy 16. VREyeSAM: Virtual Reality Non-Frontal Iris Segmentation using Foundational Model with uncertainty weighted loss, Sharma, Geetanjali; Nagaich, Dev; Jaswal, Gaurav; Nigam, Aditya; Ramachandra, Raghavendra 17. Biometric Confusion Matrix and Inter ZooPlot: Two Novel Visualizations for Biometric Verification Evaluation, Zhu, Boyu; Giot, Romain 18. Identity-Preserving Aging and De-Aging of Faces in the StyleGAN Latent Space, Luevano, Luis; Korshunov, Pavel; Marcel, Sébastien 19. LAMAR: LLM-Guided Adaptive Perceptual Modeling for Micro-Action Recognition, Ru, Yiwei; Wang, Leyuan; He, Ma; He, ZhaoFeng; Sun, Zhenan 20. FaceAnonyMixer: Cancelable Faces via Identity Consistent Latent Space, Mixing Alam, Mohammed Talha; Shamshad, Fahad; Karray, Fakhri; Nandakumar, Karthik **Posters from Oral Sessions #1 and #2** 21. xEdgeFace: Efficient Cross-Spectral Face Recognition for Edge Devices, George, Anjith; Marcel, Sebastien 22. Towards Zero-Shot ISO/ICAO Face Compliance Verification via CLIP-IQA and Natural Language Prompting, Di Domenico, Nicolò; Borghi, Guido; Franco, Annalisa; Maltoni, Davide 23. GenFIQA: Generative Face Image Quality Assessment via Identity-conditioned Diffusion Model, Yan, Zheyu; Zhao, Weisong; Gao, Li; Pang, Kai; Zhu, Xiangyu; Zhang, Xiao-Yu; Lei, Zhen 24. Unified Knowledge Distillation Framework: Fine-Grained Alignment and Geometric Relationship Preservation for Deep Face Recognition, Mishra, Durgesh; Uikey, Rishabh 25. DiffSpeaker: Speech-Driven 3D Facial Animation with Diffusion Transformer, Ma, Zhiyuan; Zhu, Xiangyu; Qian, Chen; Chen, Shukai; Gao, Li; Qi, Guo-Jun; Zhang, Zhaoxiang; Lei, Zhen 26. VOIDFace: Towards an effective face training data storage and protection with Right To Be Forgotten property, Muhammed, Ajnas; Medvedev, Lurri; Gonçalves, Nuno 27. Improving Contactless Fingerprint Recognition with Robust 3D Feature Extraction and Graph Embedding, Jia, Yuwei; Zheng, Siyang; Feng, Fei; Cui, Zhe; Su, Fei 28. Pore-DMNet: Joint Pore Descriptor and Metric Learning for High-

	Resolution Fingerprint Recognition, Li, Shuqi; Wang, Haixia; Pan, Zilan; Zhang, Yilong; Sun, Haohao 29. Learning Interpersonal Similarities in Multiple Fingers via Fingerprint Landmark-Aware Recognition Network, Kim, Jiwon; Shin, Youjin; Woo, Simon S. 30. Contactless Fingerprint Recognition Guided by 3D Finger Pose, Pei, Haoxiang; Pan, Zhiyu; Guan, Xiongjun; Feng, Jianjiang; Zhou, Jie 31. Saliency-Guided Training for Fingerprint Presentation Attack Detection, Webster, Samuel; Czajka, Adam 32. ZJUT-PAD : A New Fingerprint Presentation Attack Detection Database based on Optical Coherence Tomography, Xiao, Kun; Wang, Haixia; Sun, Haohao; Yu, Yang; Zhang, Yilong; Chen, Peng; Pan, Zilan **Competition Posters** 33. Iris Liveness Detection Competition (LivDet-Iris) – The 2025 Edition, Mitcheff, Mahsa; Czajka, Adam; Hossain, Afzal; Webster, Sam; Khan, Siamul; Bowyer, Kevin; Stockhardt, Fabian; Wang, Caiyong; Pal, Debasmita; Farmanifard, Parisa; Sharma, Renu; Ross, Arun; Sharma, Geetanjali ; Igene, Lambert; Dykes, Jesse; Schuckers, Stephanie ; Tapia, Juan; Ashwani, Shubham ; Nigam, Aditya ; Ramachandra, Raghavendra ; Kordas, Adrian; Martinek, Alicja; Li, Lin; Guo, Fukang; Gu, Jiayin; Lim, Ji-Young; Pollok, Mirko ; Kreuze, Felix ; Sawilska, Ada; Januszkiewicz, Jakub; Trokielewicz, Mateusz; Roszczewska, Katarzyna; Gonzalez-Soler, L´azaro; Bartuzi-Trokielewicz, Ewelina; Dzieniszewska, Aleksandra 34. Second Competition on Presentation Attack Detection on ID Card, Tapia, Juan*; Nieto, Mario; Espin, Juan; Sanchez, Alvaro; Damer, Naser; Busch, Christoph; Ivanovska, Marija; Todorov, Leon; Khizbullin, Renat; Grishin, Aleksei; Lazarevic, Lazar; Schulz, Daniel; Gonzalez, Sebastian; Kotwal, Ketan; Mohammadi, Amir; Marcel, Sebastien; Mudgalgundurao, Raghavendra; Raja, Kiran; Schuch, Patrick; Couto, Pedro; Pinto, Joao; Xavier, Mariana; Valenzuela, Andres; Batagelj, Borut; Barrachina, Javier; Peterlin, Marko; Peer, Peter; Muhammed, Ajnas; Nunes, Diogo; Gonçalves, Nuno; Patwardhan, Sushrut; Ramachandra, Raghavendra 35. AG-VPReID 2025: Aerial-Ground Video-based Person Re-identification Challenge Results, Nguyen Thanh, Kien; Fookes, Clinton; Sridharan, Sridha; Nguyen, Huy; Liu, Feng; Liu, Xiaoming; Ross, Arun; Endrei, Tamás; DeAndres-Tame, Ivan; Tolosana, Ruben; Vera-Rodriguez, Ruben; Morales, Aythami; Fierrez, Julian; Ortega-Garcia, Javier; Gong, Zijing; Wang, Yuhao; Liu, Xuehu; Zhang, Pingping; Rashidunnabi, Md; Proença, Hugo; A. Hambarde, Kailash; Rezaei, Saeid

	36. Privacy-enhancing Sclera Segmentation Benchmarking Competition: SSBC 2025, Vitek, Matej; Tomašević, Darian; Das, Abhijit; Nathan, Sabari; Özbulak, Gökhan; Tataroğlu Özbulak, Gözde Ayşe; Calbimonte, Jean-Paul; Anjos, André; Bhatt, Hariohm Hemant; Premani, Dhruv Dhirendra; Chaudhari, Jay; Wang, Caiyong; Jiang, Jian; Zhang, Chi; Zhang, Qi; Ganapathi, Iyyakutti Iyappan; Ali, Syed Sadaf; Velayudan, Divya; Assefa, Maregu; Werghi, Naoufel; Daniels, Zachary A.; John, Leeon; Vyas, Ritesh; Khiarak, Jalil Nourmohammadi; Saeed, Taher Akbari; Nasehi, Mahsa; Kianfar, Ali; Pashazadeh Panahi, Mobina; Sharma, Geetanjali; Panth, Pushp Raj; Ramachandra, Raghavendra; Nigam, Aditya; Pal, Umapada; Peer, Peter; Štruc, Vitomir 37. 2nd Latent in the Wild Fingerprint Recognition Competition, Liu, Xinwei; Wang, Renfang; Oblak, Tim; Anžur, Lara ; Peer, Peter; Borcovas, Evaldas; Nakvosas, Arturas; Mataitis, Ignas; Pašvenskas, Valdemaras; Stankevičius, Andrius; Lange, Marko; Stumpf, David ; Utcke, Sven ; Szwargulski, Patryk ; Girard, Fantin ; Legault, Zacharie ; Thakur, Ekansh ; Priya, Jaishana Bindhu ; Kumar, Pavan ; Ramachandra, Raghavendra ; Raja, Kiran 38. Human Identification at a Distance: Challenges, Methods and Results on the Competition HID 2025, Ma, Jingzhe; Zhang, Meng; Yu, Jianlong; Liu, Kun; Xu, Zunxiao; Cheng, Xue; Zhou, Junjie; Wang, Yanfei; Li, Jiahang; Wang, Zepeng; Osamura, Kazuki; Liu, Rujie; Abe, Narishige; Wang, Jingjie; Zhang, Shunli; Xie, Haojun; Wu, Jiajun; Wu, Weiming; Gao, Qingshuo; Xiong, Jiaming; Ben, Xianye; Chen, Lei; Song, Lichen; Cui, Junjian; Xiong, Haijun; Lu, Junhao; Feng, Bin; Liu, Mengyuan; Zhou, Ji; Zhao, Baoquan; Xu, Ke; Huang, Yongzhen; Wang, Liang; Marin-Jimenez, Manuel J; Ahad, Md Atiqur Rahman; Yu, Shiqi 39. Adversarial Attack Challenge for Secure Face Recognition 2025, Tremoço, Jo|ao; Medvedev, Iurii; Freitas, Nuno; Costa, Andreia; Nunes, Diogo; Bunzel, Niklas; Graner, Lukas; Göller, Nicolas; Pellegrini, Lorenzo; Di Domenico, Nicolò; Borghi, Guido; Verghese, Monson; Bhilare, Shruti; Hati, Avik; Lourenço, Miguel; Gonçalves, Nuno 40. LivDet2025: Toward Robust and Generalizable Fingerprint Presentation Attack Detection, Orrù, Giulia; Micheletto, Marco; Casula, Roberto; Zedda, Simone; Fenu, Daniele; Igene, Lambert; Priesnitz, Jannis; Busch, Christoph; Rathgeb, Christian; Schuckers, Stephanie C.; Marcialis, Gian Luca 41. First International StepUP Competition for Biometric Footstep Recognition: Methods, Results and Remaining Challenges, Larracy, Robyn*; MacDonald, Eve; Phinyomark, Angkoon; Rezaei, Saeid; Laghaei, Mahdi; Hajighasem, Ali; Tabor, Aaron; Scheme, Erik
16:20 – 18:20	**Demo Session**

	Room: Rehearsal Room – On Floor 5 1. Demo 1: Continuous Authentication Implementation on a Smartphone, Mong Cheng, Terence Sim, Sanka Rasnayaka, Lim Jia Yu, Kim-Ngan Nguyen (All with the National University of Singapore (NUS)) 2. Demo 2: Multimodal Iris and Face Authentication for Walking Subjects, Ryo Yamakabe, Yuka Ogino, Ryuichi Akashi, Chisato Funayama, Takahiro Toizumi, and Atsushi Ito (All with NEC Corporation) 3. Demo 3: Demonstrating Gaze-Driven Biometric Authentication Using the Meta Quest Pro, Hashim Aziz (Texas State University) 4. Demo 4: BullyBuster2 results, Giulia Orrù, Simone Maurizio La Cava, Gian Luca Marcialis (University of Cagliari)
18:30 – 20:30	**IJCB 2025 Welcome Reception** Room: TBD

Wednesday, 10 September 2025

9:30 – 11:00	**Oral Session #3: Biometrics Security & Privacy** Room: Main Hall Chair: TBD 1. Privacy Enhancement for Gaze Data Using a Noise-Infused Autoencoder, Aziz, Samantha; Komogortsev, Oleg 2. Quantum-Inspired Audio Unlearning: Towards Privacy-Preserving Voice Biometrics, Pathak, Shreyansh; Shreshtha, Sonu; Singh, Richa ; Vatsa, Mayank 3. Facial Demorphing from a Single Morph Using a Latent Conditional GAN, Shukla, Nitish; Ross, Arun 4. CURE: Centroid-guided Unsupervised Representation Erasure for Facial Recognition Systems Shivam, FNU; Najafzadeh, Nima; Reddy, Ramana; Gyawali, Prashnna 5. The Invisible Threat: Evaluating the Vulnerability of Cross-Spectral Face Recognition to Presentation Attacks, George, Anjith; Marcel, Sebastien 6. Closing the Performance Gap in Biometric Cryptosystems: A Deeper Analysis on Unlinkable Fuzzy Vaults, Geißner, Hans; Rathgeb, Christian
11:00 – 11:20	**Coffee Break** Room: TBD
11:20 – 12:20	**Keynote #2 – Establishing Trust Infrastructure for Avatar Society: Biometric Authentication and the E3LSI Approach for Safe and Secure Cybernetic Avatars** Speaker: Fumio Shimpo, Keio University Room: Main Hall Chair: TBD
12:20 – 13:05	**Poster Spotlights #2** Room: Main Hall Chair: TBD 1. Growing to Detect: A Dynamic Prototype Tree with Structured Replay for Incremental Deepfake Detection, Liu, Siyu; Duan, Junxian; Cao, Jie; Zheng, Aihua; He, Ran 2. On the Feasibility of Detecting Fingerphoto Presentation Attacks using Multimodal Large Language Models, Li, Hailin; Ramachandra, Raghavendra; Narayan, Vetrekar; Gad, Rajendra 3. Reconstructing Protected Biometric Templates from Binary Authentication Results, Rahimi, Eliron; Osadchy, Margarita; Dunkelman, Orr 4. Deep Data Hiding for ICAO-Compliant Face Images: A Survey, Rodriguez Chivata, Jefferson; Ghiani, Davide; La Cava, Simone Maurizio; Micheletto,

	Marco; Orrù, Giulia; Lama, Federico; Marcialis, Gian Luca 5. VM-TAPS: View-specific Memory with Temporal and Scale Awareness Framework for Video-based Cross-View Person Re-Identification, Rashidunnabi, Md; Hambarde, Kailash; Raposo Neves, João Carlos; Lopes, Vasco; Proença, Hugo Pedro 6. Erasing Shadows: Residual-Guided Watermark Removal Via Reverse Diffusion, Soni, Nidhi; Saxena, Ravi Kumar; Vatsa, Mayank; Singh, Richa 7. Explaining Convolutional Neural Networks via a Concise and Hierarchical Approach, Pan, Jiawei; Zhu, Xiangyu; Zhang, Haoyuan; Li, Stan Z.; Lei, Zhen 8. StableMorph: High-Quality Face Morph Generation with Stable Diffusion, Kabbani, Wassim; Raja, Kiran; Ramachandra, Raghavendra; Busch, Christoph 9. Spoof Trace Discovery for Deep Learning Based Explainable Face Anti-Spoofing, Zhang, Haoyuan; Zhu, Xiangyu; Gao, Li; Pan, Jiawei; Pang, Kai; Zhao, Guoying; Lei, Zhen 10. Exploiting Facial Discomfort Clues with Vision-Language Model for Generalizable Face Forgery Detection, Zhang, Tianshuo; Zhu, Xiangyu; Gao, Li; Pang, Kai; Chen, Shukai; Lei, Zhen 11. Investigation of accuracy and bias in face recognition trained with synthetic data, Korshunov, Pavel; KOTWAL, Ketan; Ecabert, Christophe; Vidit, Vidit; Mohammadi, Amir; Marcel, Sebastien 12. Bias Analysis for Synthetic Face Detection: A Case Study of the Impact of Facial Attributes, Lamsaf, Asmae; Cascone, Lucia; Proença, Hugo; Neves, João 13. LLM-Assisted Cheating Detection in Korean Language via Keystrokes, Roh, Dong Hyun; Kumar, Rajesh; Ngo, An 14. Analyzing Capacitive Swipe Gesture towards User Identification, KC, Kiran; Hossain, Md; Tayeen, Abu Saleh 15. Unmasking the Audio Illusion: A Survey on Spoofing and Deepfake Detection, S, AARTHI; Agarwal, Akshay 16. From Features to Embeddings: Extending the Temporal-Persistence Principle to Deep-Learning Eye-movement Biometric, Raju, Mehedi Hasan; Friedman, Lee; Lohr, Dillon; Komogortsev, Oleg 17. Searching Identity details across Local-Global Features for Generalized Cross-Domain ECG Recognition, Kafley, Sabin; Verma, Aman; Jaswal, Gaurav; Nigam, Aditya; Bhavsar, Arnav ; Ramachandra, Raghavendra 18. SecureSpeech: Prompt-based Speaker and Content Protection, Belinda Soh, Hui Hui; Miao, Xiaoxiao; Wang, Xin 19. Leveraging Implicit 3D Geometry for Biometric and Anthropometric Estimation from Gait, Cubero, Nicolás; Zafra-Palma, Jorge; Castro, Francisco M.; Guil, Nicolás; Marín-Jiménez, Manuel J. 20. A Comprehensive Re-Evaluation of Biometric Modality Properties in the Modern Era, Al-Refai, Rouqaiah; Ramasamy, Pankaja Priya; Ramesh, Ragini ; Arias Cabarcos, Patricia; Terhörst, Philipp
13:05 – 14:10	**Lunch** Room: TBD

14:10 – 15:40	**Oral Session #4: Synthetic Data/ Deepfakes/ Forensics** Room: Main Hall Chair: TBD 1. FantasyID: A Dataset for Detecting Digital Manipulations in ID-Documents, Korshunov, Pavel; Mohammadi, Amir; Vidit, Vidit; Ecabert, Christophe; Marcel, Sebastien 2. WaveVerify: A Novel Audio Watermarking Framework for Media Authentication and Combatting Deepfakes, Pujari, Aditya; Rattani, Ajita 3. LENS-DF: Deepfake Detection and Temporal Localization for Long-Form Noisy Speech, Liu, Xuechen; Ge, Wanying; Wang, Xin; Yamagishi, Junichi 4. Debias-DPO: Debiasing Diffusion-based Face Image Generation with Direct Preference Optimization, Perera, Malsha; Patel, Vishal 5. Fair GANs through model rebalancing for extremely imbalanced class distributions, Jain, Anubhav; Memon, Nasir; Togelius, Julian 6. StreamWMR: A Streaming Framework for Real-time 3D Whole-body Mesh Recovery, Xu, Miao; Zhu, Xiangyu; Wu, Jinlin; Wang, Zidu; Zhang, Xiaomei; Gao, Li; Chen, Shukai; Yi, Dong; Lei, Zhen
15:40 – 16:10	**Coffee Break** Room: TBD
15:40 – 17:40	**Poster Session #2** Room: Poster Rooms – Around Main Hall **Main Conference Posters** 1. Growing to Detect: A Dynamic Prototype Tree with Structured Replay for Incremental Deepfake Detection, Liu, Siyu; Duan, Junxian; Cao, Jie; Zheng, Aihua; He, Ran 2. On the Feasibility of Detecting Fingerphoto Presentation Attacks using Multimodal Large Language Models, Li, Hailin; Ramachandra, Raghavendra; Narayan, Vetrekar; Gad, Rajendra 3. Reconstructing Protected Biometric Templates from Binary Authentication Results, Rahimi, Eliron; Osadchy, Margarita; Dunkelman, Orr 4. Deep Data Hiding for ICAO-Compliant Face Images: A Survey, Rodriguez Chivata, Jefferson; Ghiani, Davide; La Cava, Simone Maurizio; Micheletto, Marco; Orrù, Giulia; Lama, Federico; Marcialis, Gian Luca 5. VM-TAPS: View-specific Memory with Temporal and Scale Awareness Framework for Video-based Cross-View Person Re-Identification, Rashidunnabi, Md; Hambarde, Kailash; Raposo Neves, João Carlos; Lopes, Vasco; Proença, Hugo Pedro 6. Erasing Shadows: Residual-Guided Watermark Removal Via Reverse Diffusion, Soni, Nidhi; Saxena, Ravi Kumar; Vatsa, Mayank; Singh, Richa 7. Explaining Convolutional Neural Networks via a Concise and Hierarchical Approach, Pan, Jiawei; Zhu, Xiangyu; Zhang, Haoyuan; Li, Stan Z.; Lei, Zhen

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16:00 – 17:30	**Technical Visits to JAMBASE** Where: TBD
18:50 – 21:00	**IJCB 2025 Banquet and Award Ceremony**

	Room: TBD

Thursday, 11 September 2025

9:20 - 10:50	**Oral Session #5: Gait, Gesture & Action Recognition** Room: Main Hall Chair: TBD 1. CVVNet: A Cross-Vertical-View Network for Gait Recognition, Li, Xiangru; Song, Wei; Huang, Yingda; Meng, Wei; Chang, Le; Li, Hongyang 2. Mind the Gap: Bridging Occlusion in Gait Recognition via Residual Gap Correction, Gupta, Ayush; Huang, Siyuan; Chellappa, Rama 3. CGTGait: Collaborative Graph and Transformer for Gait Emotion Recognition, Zhou, Junjie; Xiong, Haijun; Lu, Junhao; Lin, Ziyu; Feng, Bin 4. QGait: Toward Accurate Quantization for Gait Recognition, Tian, Senmao; Gao, Haoyu; Hong, Gangyi; Wang, Shuyun; Wang, Jingjie; Yu, Xin; Zhang, Shunli 5. SSSL-HAR: Synthetic-Data-Driven Self-Supervised Learning for flexible IMU-Based Human Activity Recognition, Li, Timin; Li, Zhuangzhuang; Li, Dongmei; Wu, Ji; Chen, Yuepeng; Feng, Xuefeng; Ma, Ye; Liu, Dongwei; Guo, Chenyi 6. AG-VPReID.VIR: Bridging Aerial and Ground Platforms for Video-based Visible-Infrared Person Re-ID, Nguyen, Thanh Nhat Huy; Nguyen, Kien; Pemasiri, Akila; Jahan, Akmal; Fookes, Clinton; Sridharan, Sridha
10:50 - 11:10	**Coffee break** Room: TBD
11:10 - 12:10	**Keynote #3 – Topic to be Announced During the Conference** Speaker: YBIA Award Winner – Will be announced during the conference Room: Main Hall Chair: TBD
12:10 - 12:55	**Poster Spotlights #3** Room: Main Hall Chair: TBD 1. A Quantitative Evaluation of the Expressivity of BMI, Pose and Gender in Body Embeddings for Recognition and Identification, Pal, Basudha; Huang , Siyuan ; Chellappa, Rama 2. OnePV: A Novel One-Stage Palm Vein Recognition Method Based on Oriented Object Detection, Lin, Haoheng; Chen, Runzhang; Luo, Dacan; Kang, Wenxiong 3. A Key Feature Screening Method for Human Activity Recognition Based on Multi-head Attention Mechanism, Wang, Hao; Liu, Fangyu; Li, Xiang; Li, Ye; Sun, Fangmin 4. MoTeNet: Motion-Temporal Network for Dynamic Hand Gesture Recognition on Point Clouds, Wu, Qiuxia; Xie, Xinran; Xu, Sangni; Kang,

	Wenxiong 5. DOOMGAN: High-Fidelity Dynamic Identity Obfuscation Ocular Generative Morphing, Krishnamurthy, Bharath; Rattani, Ajita 6. ASDnB: Merging Face with Body Cues For Robust Active Speaker Detection, Roxo, Tiago; Costa, Joana; Inácio, Pedro; Proença, Hugo 7. Text-Independent Speaker Verification Employing A Novel Hybrid Neural Embedding Extractor, Alam, Jahangir ; Alam, Md Shahidul 8. A Mutual Distillation Learning Framework for Multimodal Biometric Recognition with Uncertain Missing Modality, Gu, Yan; Jiang, Shuangtian; Yuan, Hai; Wang, Jun; Pan, Zaiyu 9. Collaborative Spatial and Channel Attention for Structural Vibration-based Gait Recognition, Lu, Junhao; Xiong, Haijun; Zhou, Junjie; Lin, Ziyu; Feng, Bin 10. Hierarchical Emotion-Guided Masked Transformer for Long-Sequence Co-Speech Gestures with Partial Supervision, Wang, Hao; Li, Jiangtao; Li, Dongze; Zhang, Kunbo ; Sun, Zhenan 11. An Adaptive Dynamic Feature Selection Framework with CNN-Vision Transformer Hybrid Architecture for Continuous Joint Angle Estimation, Su, Kejia; Qiao, Hanbing; Wan, Bo; Liu, Kai; Jiang, Changhua; Wang, Fei 12. Warp Gait Across Ages: Cross-age Gait Video Translation with Part-aware Flow Warping, Zhang, Yiyi; Yan, Hanchong; Zhang, Liqing; Yagi, Yasushi 13. SCDFormer: Spatial and Channel Denoising Transformer for Human Pose Estimation Using Millimeter-Wave Radar, Wu, Qiuxia; Sun, Yu; Cai, Panpan; Kang, Wenxiong 14. BiommWave: A Non-Visual Approach for Biometric Recognition Using Millimeter-Wave Radar, Li, Mupei; Wang, Yunlong; Ru, Yiwei; Zhang, Kunbo; Sun, Zhenan 15. An Optimized Hybrid Deep Learning Architecture for Human Activity Recognition and User Identification from Smartphone Sensor Data, Eladlani, Mohamed Alae-Eddine; Boubchir, Larbi 16. Ocular Authentication: Fusion of Gaze and Periocular Modalities, Lohr, Dillon; Proulx, Michael; Raju, Mehedi Hasan; Komogortsev, Oleg 17. LMBR-Net: A Lightweight Multimodal Biometric Recognition Network via Joint Progressive Dynamic Sparsity, Wang, Jun; Hu, Jie; Yang, Xiao; Jin, Penghao; Pan, Zaiyu 18. Learning Dynamic Gait Regions: Adaptive Part Weighting UDA for Cross-domain Gait Recognition, Cao, Yicheng; Lyu, Hanqi; Zhang, Min; Sun, Yan 19. TDGait: Modeling Temporal Dynamics for Gait Recognition, Zhou, Yuhao; Wang, Mingyang; Wang, Xianjie
12:55 - 14:00	**Lunch** Room: Main Hall
14:00 - 15:30	**Oral Session #6: Multimodal & Other Biometric Modalities** Room: Main Hall Chair: TBD

	1. Can Foundation Models Predict Fitness for Duty? Tapia, Juan; Busch, Christoph 2. CHAMP: A Configurable, Hot-Swappable Edge Architecture for Adaptive Biometric Tasks, Brogan, Joel; Yohe, Matthew; Cornett, David 3. Trade-offs in Cross-Domain Generalization of Foundation Model Fine-Tuned for Biometric Applications, Chettaoui, Tahar; Damer, Naser; Boutros, Fadi 4. Swin Transformer-Based Temporal-Channel Network for Cross-Subject EEG Emotion Classification, He, Ruijie; Wen, Xin; Hao, Yanrong; Zhou, Mengni; Li, Jin; Cao, Rui 5. Multi-Attribute guided Thermal Face Image Translation based on Latent Diffusion Model, Cai, Mingshu; Yoshie, Osamu; Leiri, Yuya 6. Rethinking Early-Fusion Strategy for Palmprint and Palm Vein Fusion Recognition, Yu, Yi; Jin, Penghao; Wang, Jun; Pan, Zaiyu
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17:30 - 17:45	**Closing Session** Room: Main Hall Final Address and Goodbye from the General Chairs