

Programme

Thursday, 3rd of March

Registration/ Support Desk hours (08:00 - 13:00 & 14:00 - 17:00)	
Room: Westminster A	
08:00-09:00	Poster & Demo Set up
09:00-09:30	Conference Opening (Session Chair: Nicolas Tsapatsoulis)
	Welcome Greetings <ul style="list-style-type: none"> – Cyprus University of Technology Rector (Prof. Andreas Anayiotos) – COST 1106 Coordinator (Prof. Massimo Tistarelli) – Director of the Social Computing Research Centre (Prof. Panayiotis Zaphiris) – General information (Local organizers)
09:30-10:30	Invited Talk 1: Ethical Issues in Current Forensic Biometrics (Session Chair: Andreas Lanitis) <i>Emilio Mordini, Responsible Technology SAS</i>
10:30-11:00	Coffee Break
11:00-12:30	COST Action 1106 Overview (Session Chair: Massimo Tistarelli) Presentations by COST 1106 Chair and WG Leaders, and Panel Discussion
12:30-13:30	Lunch Break
13:30-15:15	Oral Session 1: Best Paper Session (Session Chair: Paulo Lobato Correia)
	OP01: Variable-Length Template Protection Based on Homomorphic Encryption with Application to Signature Biometrics <i>Marta Gomez-Barrero, Javier Galbally, Julian Fierrez</i>
	OP02: Altered fingerprint detection - Algorithm performance evaluation <i>Rudolf Haraksim, Alexandre Anthonioz, Christophe Champod, Martin Olsen, John Ellingsgaard, Christoph Busch</i>
	OP03: Comparison of PRNU Enhancement Techniques to generate PRNU Fingerprints for Biometric Source Sensor Attribution <i>Luca Debiasi, Andreas Uhl</i>
	OP04: Formant Manipulations in Voice Disguise by Mimicry <i>Rita Singh, Bhiksha Raj, Deniz Gencaga</i>
15:15-15:45	Coffee Break
15:45-16:45	Invited Talk 2: Fused Human Performance as a Benchmark for the General Face Recognition Problem (Session Chair: Andrzej Drygajlo) <i>Jonathon Philips, National Institute of Standards and Technology, US</i>

Poster and Demo Highlights (Session Chair: Albert Ali Salah)

(14 Posters x 3 minutes each and 5 minute overview of all demos and demo posters)

P01: Speaker Specific Features and Phonemes in Speech: A Proposal for Evaluating a Possible Interaction

Nivedita Yadav, Solange Rossato, Juliette Kahn, Jean Francois Bonastre

P02: Study of Fusion Strategies and Exploiting the Combination of MFCC and PNCC Features for Robust Biometric Speaker Identification

Musab Al-Kaltakchi, Wai Woo, Satnam Dlay, Jonathon Chambers

P03: Investigating an Objective measure of Written Hesitation for Forensic Analysis of the Handwritten Signature

Tasmina Islam, Michael Fairhurst

P04: Walking Direction identification Using Perceptual Hashing

Tanmay Verlekar, Paulo Correia

P05: Periocular Biometrics: Databases, Algorithms and Directions

Fernando Alonso-Fernandez, Josef Bigun

P06: Considering Basic Emotional State Information in Speaker Verification

Piotr Staroniewicz

16:45-17:45

P07: Deep Pair-wise Similarity Learning for Face Recognition

Klemen Grm, Simon Dobrišek, Vitomir Struc

P08: Adaptive Multimodal Biometric Fusion Algorithm Using Particle Swarm Optimization and Belief Functions

Lamia Mezai, Fella Hachouf, Mentouri Consantine

P09: First investigation of feasibility of contact-less non-destructive optical sensors to detect, acquire and digitally process forensic handwriting based on pressure information

Martin Michael Kalbitz, Tobias Scheidat, Claus Vielhauer

P10: BIOFOV- An Open Platform for Forensic Video Analysis and Biometric Data Extraction

Miguel Almeida, Paulo Correia, Peter Larsen

P11: Age and Gender Prediction Using PARAFAC2 Applied to Speech Utterances

Evangelia Pantraki, Costas Kotropoulos, Andreas Lanitis

P12: StirTraceV3.0 and Printed Fingerprint Detection: Simulation of Acquisition Condition Tilting and its Impact to Latent Fingerprint Detection Feature Spaces for Crime Scene Forgeries

Mario Hildebrandt, Jana Dittmann

	P13: Short-Term Analysis for Estimating Physical Parameters of Speakers <i>Rita Singh, Bhiksha Raj</i>
	P14: On The Analysis of Factors Influencing the Performance of Facial Age Progression <i>Andreas Lanitis, Nicolas Tsapatsoulis</i>
	Room: Westminster Lobby
17:45-19:00	Poster and Demo Session (14 IWBF posters, 16 Demo Posters and 7 Demos) <ul style="list-style-type: none"> – All demos will be set up during the whole of day 1 – All posters should be placed at the beginning of day 1 and be removed after the lunch break on day 2
19:30	Meet at the lobby of Crowne Plaza Hotel to transfer to Dinner Venue
20:00-22:00	Dinner

IC106 Demonstrators (Thursday, 3rd of March, 17:45-19:00)

D01: A demo of software (with a simple interface) that can be used for LR calculations <i>P. Correia</i>
D02: Latent fingerprints at crime scenes captured with optical, contact-less sensory <i>J. Dittmann, C. Vielhauer</i>
D03: Performance evaluation of Likelihood Ratio Methods in Case-Specific Forensic Automatic Speaker Recognition <i>A. Drygajlo, R. Haraksim</i>
D04: Image clustering based on device fingerprint <i>X. Lin, L. Chang-Tsun</i>
D05: Demo of software platform (BioFoV) designed to include tools that help a forensic researcher to handle video contents <i>P. Correia, P. Larsen</i>
D06: An on-line demo. on gender recognition from faces <i>Jean-Luc Dugelay</i>
D07: A DEMO on semi- automatic tools for forensic assessment of dynamic handwriting <i>D. Ramos</i>

IC1106 Demo Posters (Thursday, 3rd of March, 17:45-19:00)

DP01: Likelihood Ratios on Face Recognition, from Swedish Forensic Labs

T. Tachos

DP02: Latent Fingerprints poster from UAM lab

D. Ramos

DP03: Validation of likelihood ratios, from EPFL lab

R. Haraksim

DP04: A poster related to WG2 and WG3 (on face processing from CCTV cameras including soft biometrics)

D. Ramos

DP05: Blind source camera classification on case work material

L. Debiasi

DP06: A poster describing our activities on person discovery in audiovisual content

D. Ramos

DP07: Iris super-resolution reconstruction with NIR and smartphone images

F. Alonso-Fernandez

DP08: Periocular recognition

F. Alonso-Fernandez

[DP09: TUKE Speech Lab & NISLab joint research in Keystroke Dynamics](#)

M. Pleva

DP10: Eurecom: Learned vs. hand-crafted features for pedestrian gender recognition

Jean-Luc Dugelay

DP11: Evaluation of latent prints and the effect of different sensors on DNA recovery

J. Vella

DP12: Forensic fingerprints (frequency estimation, matching using new keypoint descriptor)

F. Alonso-Fernandez

DP13: Joint Deep Neural Net and Support Vector Approach for Face Based Age Estimation

Y. Keller

DP14: Kinship verification using an asymmetric distance learning network

Y. Keller

DP15: Like Father, Like Son, Facial Expression Dynamics for Kinship Verification

A. Ali Salah

DP16: Biometric Sensor Forensics: Sensor Ageing & Sensor Authentication

A.Uhl

Friday, 4th of March

Registration/ Support Desk hours (08:30 - 13:00 & 14:00 - 17:00)	
Room: Westminster A	
09:00-10:00	Invited Talk 3: Facial Biometrics from DNA (Session Chair: Constantine Kotropoulos) <i>Dr. Peter Claes, KU Leuven, Department of Electrical Engineering, ESAT/PSI, UZ Leuven, Medical Imaging Research Center, iMinds, Medical IT Department</i>
10:00-10:40	Oral Session 2: Eye (Session Chair: Constantine Kotropoulos) (2 papers x 20 minutes)
	OP05: A Review of Iris Anti-Spoofing <i>Javier Galbally, Marta Gomez-Barrero</i>
	OP06: A Novel Method for Sclera Recognition With Images Captured On-The-Move And at a Distance <i>Sinan Alkassar, Jonathon Chambers, Satnam Dlay, Wai Woo</i>
10:40-11:20	Coffee Break and Poster II
11:20-13:00	Oral Session 3: Behavioral Biometrics (Session Chair: Patrizio Campisi) (4 papers x 20 minutes)
	OP07: Empirical Validation of Likelihood Ratio Methods – A Case Study in Forensic Speaker Recognition <i>Filipe Guapo, Paulo Correia, Didier Meuwly, David Van der Vloed</i>
	OP08: Assessment of Automatic Speaker Verification on Lossy Transcoded Speech <i>Jozef Polacký, Roman Jarina, Michal Chmulik</i>
	OP09: Signature Recognition: Establishing Human Baseline Performance Via Crowdsourcing <i>Derlin Morocho, Aythami Morales, Ruben Tolosana, Julian Fierrez</i>
	OP10: Authorship Recognition in a Multiparty Chat Scenario <i>Rıdvan Kuzu, Albert Salah, Koray Balcı</i>
13:00-14:00	Lunch Break
14:00-14:40	Oral Session 4: Fingerprints and Multi-Modal Biometrics (Session Chair: Yosi Keller) (2 papers x 20 minutes)
	OP11: Short Term Re-Identification of Automatic Teller Machine (ATM) Users via Face and Body Appearance Features <i>Güney Kayım, Ekberjan Derman, Albert Salah</i>
	OP12: Fingerprint Recognition under the Influence of Image Sensor Ageing <i>Christof Kauba, Andreas Uhl</i>
14:40-14:45	Closing
14:45-15:15	Coffee Break
15:15-17:30	COST 1106 MC Meeting