



Instituto Superior Técnico
Congress Center – Room 02.1

Technical Program

Thursday, April 4th 2013

Morning Session

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| 9:10 – 9:20 | Opening Session Local organizer, COST Chairman |
| 9:20 – 10:20 | Invited Talk <i>"Some Challenges in Forensics: Facial Sketch, Latent Prints, Scars, Marks & Tattoos"</i> Anil Jain – Michigan State University, USA |
| 10:20 – 10:40 | <i>Coffee break</i> |
| 10:40 – 12:00 | Oral Session I - Facial Biometrics and Forensics <ol style="list-style-type: none"> <i>Analysis of the variability of facial landmarks in a forensic scenario</i>, Ruben Vera-Rodriguez, Pedro Tome, Julian Fierrez, Nicomedes Exposito, Francisco Javier Vega <i>Robust face recognition with occlusions in both reference and query images</i>, Xingjie Wei, Chang-Tsun Li, Yongjian Hu <i>Understanding the discrimination power of facial regions in forensic casework</i>, Pedro Tome, Luis Blazquez, Ruben Vera-Rodriguez, Julian Fierrez, Javier Ortega-Garcia, Nicomedes Exposito, Patricio Leston <i>Composite score normalization for face verification</i>, Vitomir Struc, Jerneja Žganec Gros, Nikola Pavešić |



COST Action
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Thursday, April 4th 2013 - Afternoon Session

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| 13:30 – 14:30 | Invited Talk <i>“Introducing a LR-based Identification System in Forensic Practice: Opportunities and Challenges”</i> Christophe Champod – University of Lausanne, Switzerland |
| 14:30 – 14:50 | Poster Highlights <ol style="list-style-type: none"> 1. <i>On the use of spectral minutiae in high-resolution palmprint recognition</i>, Ruifang Wang, Raymond Veldhuis, Daniel Ramos, Julian Fierrez, Luuk Spreeuwiers, Haiyun Xu 2. <i>Survey on fingerprint liveness detection</i>, Amani Al Ajlan 3. <i>Liveness detection based on 3d face shape analysis</i>, Andrea Lagorio, Massimo Tistarelli, Enrico Grosso, Marinella Cadoni, Clinton Fookes, Sridha Sridharan 4. <i>Face locations suitable for drunk persons identification</i>, Vassilis Anastassopoulos, Georgia Koukiou 5. <i>Facial image clustering in single channel and stereo video content</i>, Georgios Orfanidis 6. <i>Semantic description in stereo video content for surveillance applications</i>, Nikos Papanikoloudis, Sotirios Delis, Nikos Nikolaidis, Ioannis Pitas 7. <i>Unambiguous interpolation rate estimation in uncompressed resized color digital images</i>, Jesús Valera, Narciso García |
| 14:50 – 15:30 | Poster Session (in the coffee break area) |
| 15:30 – 16:30 | Panel Session <i>“Are Automatic Biometric Recognition Schemes Really Useful for Forensic Analysis?”</i> Chairman: Massimo Tistarelli, University of Sassari, Italy Panelists: Andrzej Drygajlo, EPFL, Switzerland Arnout Ruifrok, Netherlands Forensic Institute, The Netherlands Emilio Mordini, CSSC, Italy Aldo Mattei, Innovation Factory, Italy |
| 16:30 – 17:50 | Oral Session II – Hand-based Biometrics and Forensics <ol style="list-style-type: none"> 1. <i>High quality training materials to detect printed fingerprints: benchmarking three different acquisition sensors producing printing templates</i>, J. Sturm, M. Hildebrandt, J. Dittmann 2. <i>Separation of contactless captured high-resolution overlapped latent fingerprints: parameter optimisation and evaluation</i>, K. Qian, M. Schott, J. Dittmann 3. <i>Palmprint image processing with non-halo complex matched filters for forensic data analysis</i>, R. Fuksis, M. Greitans, M. Pudzs 4. <i>Improved rotation-invariant degraded partial palmprint recognition technique</i>, S. Singh, P. Correia, L. Soares |

Friday, April 5th 2013

Morning Session

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| 9:00 – 10:00 | Invited Talk <i>"Gait as Evidence"</i> Niels Lynnerup – University of Copenhagen, Denmark |
| 10:00 – 10:15 | <i>Coffee break</i> |
| 10:15 – 11:35 | Oral Session III – <i>Behavioral Biometrics</i> <ol style="list-style-type: none">1. <i>Robust gait recognition from extremely low frame-rate videos</i>, Yu Guan, Chang-Tsun Li, Sruti Choudhury2. <i>Person identification from actions based on dynemes and discriminant learning</i>, Alexandros Iosifidis, Anastasios Tefas, Ioannis Pitas3. <i>Assessment of gait recognition based on the lower part of the human body</i>, Silvia Gabriel-Sanz, Ruben Vera-Rodriguez, Pedro Tome, Julian Fierrez4. <i>Multimodal person re-identification using RGB-D sensors and a transient identification database</i>, Andreas Møgelmoose, Thomas Moeslund, Kamal Nasrollahi |
| 11:35 – 12:35 | Panel Session <i>"The Role of Behavioral and Soft Biometrics in Forensic Analysis"</i> Chairman: Mark Nixon, University of Southampton, UK Panelists: Peter Larsen, University of Copenhagen, Denmark Patrizio Campisi, University of "Roma TRE", Italy Chang-Tsun Li, University of Warwick, UK |

Afternoon Session

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| 14:00 – 15:20 | Oral Session IV – <i>Other Biometrics in Forensics</i> <ol style="list-style-type: none">1. <i>Targeted biometric impersonation</i>, John Bustard, Mark Nixon, John Carter2. <i>3D gender recognition using cognitive modeling</i>, Jens Fagertun, Tobias Andersen, Thomas Hansen, Rasmus Paulsen3. <i>Correlation of iris biometrics and DNA</i>, Stine Harder, Line Clemmensen, Anders Dahl, Jeppe Andersen, Peter Johansen, Susanne Christoffersen, Niels Morling, Claus Børsting, Rasmus Paulsen4. <i>Telephone handset identification using sparse representations of spectral feature sketches</i>, Constantine Kotropoulos |
| 15:20 – 15:30 | Closing |



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| 15:30 – 17:00 | COST IC1106 MC meeting |
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