

Technical Program - Thursday, June 7

09:00 – 09:15	Opening
09:15 – 10:00	Invited Talk I <i>Criminal Large-scale Fingerprint Identification Systems</i> (G. Parziale – Cogent systems)
10:00 – 10:50	Oral Session I – Biometric Systems 10:00 - <i>Worms, Chameleons, Phantoms and Doves: New Additions to the Biometric Menagerie</i> (N. Yager and T. Dunstone) 10:25 - <i>When enough is enough: early stopping of error rate testing</i> (M. E. Schuckers, E. H. Sheldon, and H. A. Hartson)
10:50 – 11:20	Coffee Break
11:20 – 12:35	Oral Session II – Fingerprints 11:20 - <i>An Investigation of Minutiae Template Interoperability</i> (A. I. Bazin and T. Mansfield) 11:45 - <i>Impact of Age Groups on Fingerprint Recognition Performance</i> (S. Modi, S. J. Elliott, H. Kim, and J. Whetstone) 12:10 - <i>Touch-less Fingerprint Recognition System</i> (B.Y. Hiew, A. B. J. Teoh, and Y.H. Pang)
12:35 – 14:30	Lunch break
14:30 – 15:30	Poster Session I <i>A Framework for Protecting Iris Biometric Data through Asymmetric Digital Watermarking</i> (N. Bartlow, N. Kalka, B. Cukic, and Arun Ross) <i>A statistical tool for Barcode misread analysis</i> (R. Zocca, F.D'Ercoli, and D. Vincenzi) <i>A Novel Iris Recognition System based on Micro-Features</i> (V. Conti, G. Milici, S. Vitabile, and F. Sorbello) <i>Automatic Authentication Method and Scanner</i> (J. D. He and E. Joseph) <i>Automatic Deceit Indication through Reliable Facial Expressions</i> (T.E. Slowe, V. Govindaraju) <i>CipherCode: A Visual Tagging SDK with Encryption and Parameterisation</i> (R. Karodia, S. Lee, A. Mehta, and Audrey Mbogho) <i>Double-slit apodizer for extending the depth-of-field of imaging linear barcode readers</i> (D. Vincenzi and S. Barsotti) <i>Estimating Image Focusing in Fingerprint Scanners</i> (M. Ferrara, A. Franco, and D. Maltoni) <i>Evaluation and Selection of Discriminating Gabor Features for Face Recognition</i> (F. Ou, C. Liu, Y. Li, and Z. Ou) <i>Face Recognition using Hierarchical Isomap</i> (D. Kiu, Z. Ou, G. Wang) <i>Investigating Correlation-Based Fingerprint Authentication Schemes for Mobile Devices Using the J2ME technology</i> (Y. Wang, J. Hu, and K. Xi) <i>Offline Signature Verification through Biometric Strengthening</i> (S-Y. Ooi, A. B-J. Teoh, and T-S Ong) <i>Pyramid-based Image Enhancement of Fingerprints</i> (H. Fronthaler, K. Kollreider, and J. Bigun) <i>Quantitative assessment of the benefits of RFID technology for libraries: a trans-European study</i> (D. A. Rodríguez Silva, F. J. González Castaño, and S. Costas Rodríguez)
15:30 – 16:45	Oral Session III – Face 15:30 - <i>Error Encoded PDE-Textons for Face Recognition</i> (U. Kandaswamy, D. Adjeroh, N. Schmid, and S. Schuckers) 15:55 - <i>Face Identification by SIFT-based Complete Graph Topology</i> (D. R. Kisku, A. Rattani, E. Grosso, and M. Tistarelli) 16:20 - <i>Facial Template Synthesis based on SIFT Features</i> (A. Rattani, D. R. Kisku, A. Lagorio, and M. Tistarelli)
16:45 – 17:15	Coffee Break
17:15 – 18:30	Oral Session IV – Other Biometrics (1) 17:15 - <i>Feature Selection Based on Genetic Algorithms for On-Line Signature Verification</i> (J. Galbally, J. Fierrez, M. R. Freire, and J. Ortega-Garcia) 17:40 - <i>2D CLAFIC Subspace Technique in Probabilistic Speaker Verification</i> (L. Y. Chong, A. B. J. Teoh) 18:05 - <i>Data-Driven High-Level Information for Text-Independent Speaker Verification</i> (A. El Hannani and D. Petrovska-Delacrétaz)
19:30	Time to leave for Gala Dinner (20:00)

**IEEE****AutoID 2007**IEEE Workshop on Automatic Identification
Advanced Technologies**Technical Program - Friday, June 8**

09:00 – 09:45	Invited Talk II <i>Benchmarking and Fusing Automatic Face Recognition Algorithms and Humans</i> (A. J. O'Toole – University of Texas)
09:45 – 10:10	Invited Talk III <i>The Biosecure European Network of Excellence Multimodal evaluation campaign</i> (D. Petrovska – Groupe des Ecoles des Télécommunications)
10:10 – 11:00	Oral Session V – RFID 10:10 - <i>A novel anti-collision protocol for RFID systems</i> (T. Murano) 10:35 - <i>Power Management Strategies for Battery-driven Higher Class UHF RFID Tags Supported by Energy Harvesting Devices</i> (A. Janek, C. Steger, J. Preishuber-Pfluegl, and M. Pistauer)
11:00 – 11:30	Coffee Break
11:30 – 12:45	Oral Session VI – Barcode 11:30 - <i>Tailoring freeform lenses for barcode lighting systems</i> (D. Vincenzi and G. Oliva) 11:55 - <i>Reversing Convolution Distortion in a Laser Bar Code Scanner</i> (D. Madej) 12:20 - <i>Extended depth-of-field optical reader exploiting digital image deconvolution</i> (D. Vincenzi, F. Canini, S. Fracassi, and G. Oliva)
12:45 – 14:30	Lunch break
14:30 – 15:30	Poster Session II <i>2D Pairwise FLD: A robust methodology for face recognition</i> (S.Guru and T.N.Vikram) <i>Aguará: An Improved Face Recognition Algorithm through Gabor Filter Adaptation</i> (C. Aguerrebere, G. Capdehourat, M. Delbracio, M. Mateu, A. Fernández, and F. Lecumberry) <i>An Application of the Naccache-Stern Knapsack Cryptosystem to Biometric Authentication</i> (J. Bringer, Hervé Chabanne, and Q Tang) <i>An Identification of Japanese Numerical Characters on a Biometrical Smart Pen System</i> (T. Takita, S. Hangai, J. Kempf, C. Hook, and G. Scharfenberg) <i>Defining Habituation using Hand Geometry</i> (E.P. Kukula; S.J. Elliott; B.P. Gresock; and N.W. Dunning) <i>Exploring Reliability for Automatic Identity Verification with Statistical Shape Models</i> (F.M. Sukno and A.F. Frangi) <i>HMM Based Signature Identification System Robust to Changes of Signatures with Time</i> (N. Wada and S. Hangai) <i>Image Quality and Performance Based on Henry Classification and Finger Location</i> (M.R. Young and S.J. Elliott) <i>Information Fusion of Biometrics Based-on Fingerprint, Hand-geometry and Palm-print</i> (F. Yang, B. Ma, Q.Wang, D. Yao, C. Fang, S. Zhao, and X. Zhou) <i>Pseudo 2D Hidden Markov Models for Face Recognition Using Neural Network Coefficients</i> (V. Bevilacqua, L. Cariello, D. Daleno, and G. Mastronardi) <i>Recognition of Non-Cooperative Individuals at a Distance with 3D Face Modeling</i> (G. Medioni, D. Fidaleo, J. Choi, L. Zhang, C-H. Kuo, and K. Kim) <i>Simple Fingerprint Minutiae Extraction Algorithm Using Crossing Number On Valley Structure</i> (S.A. Sudiro, M. Paindavoine, and T.M. Kusuma)
15:30 – 16:45	Oral Session VII – Security 15:30 - <i>A Changeable Biometric System That Uses Part-Based Localized Representation for Face Recognition</i> (J. Kim, C. Lee, and J. Kim) 15:55 - <i>Power spectrum-based fingerprint vitality detection</i> (P. Coli, G.L. Marcialis, and F. Roli) 16:20 - <i>Evaluating Minutiae Template Vulnerability to Masquerade Attack</i> (R. Cappelli, A. Lumini, D. Maio, and D.Maltoni)
16:45 – 17:15	Coffee Break
17:15 – 18:30	Oral Session VIII – Other Biometrics (2) 17:15 - <i>Palmprint Recognition with Multiple Correlation Filters Using Edge Detection and Class-Specific Segmentation</i> (P. Hennings, M. Savvides, and B. V. Kumar) 17:40 - <i>Gait Authentication and Identification Using Wearable Accelerometer Sensor</i> (D. Gafurov, E. Snekenes, and P. Bours) 18:05 - <i>The Perception of Biometric Technology: A Survey</i> (S. J. Elliott, S. A. Massie, and M. J. Sutton)