

Biometrics Symposium 2006

Tuesday: September 19th

Session I: 8:40 - 10:00 (Tue) Chair: Dr. Larry Hornak

8:40 - 9:00 : Gait Recognition through MPCA plus LDA. **Dr. Kostas Plataniotis**, *University of Toronto*

9:00 - 9:20 : Toward a human-like similarity measure for face recognition. **Dr. Behrooz Kamgar-Parsi**, *Naval Research Laboratory*

9:20 - 9:40 : Multi-level liveness verification for face-voice biometric authentication. **Ms. Girija Chetty**, *University of Canberra*

9:40 - 10:00 : Multispectral Fusion for Indoor and Outdoor Face Authentication. **Dr. Besma Abidi**, *University of Tennessee, Knoxville*

Session II: 10:30 - 11:30 (Tue) Chair: Dr. Bojan Cukic

10:30 - 10:50 : Quality Assessment of Facial Images. **Dr. Rein-Lien Vincent Hsu**, *Identix, Inc.*

10:50 - 11:30 : Panel - "Advanced Face Recognition Workshop"

Moderator: Dr. Sankar Basu, *National Science Foundation*

Panelists: Dr. Rama Chellappa, *University of Maryland College Park*, **Mr. Patrick Grother**, *NIST*, **Dr. B. V. K. Vijaya Kumar**, *Carnegie Mellon University*

Session III: 2:00 - 3:00 (Tue) Chair: Dr. Michael Schuckers

2:00 - 2:20 : Measuring Biometric Sample Quality in terms of Biometric Information. **Dr. Andy Adler**, *Carleton University*

2:20 - 2:40 : Attestation-based remote biometric authentication. **Mr. Thomas Polon**, *Clemson University*

2:40 - 3:00 : Using Biometric Verification to Estimate Identification Performance. **Mr. Jens Peter Hube**, *Identix, Inc.*

Session IV: 3:30 - 5:00 (Tue)

3:30 - 5:00 - Poster Session

Poster Session: Tuesday: September 19th (3:30 - 5:00)

1. Mouse Curve Biometrics. **Mr. Douglas Schulz**, *Pacific Northwest National Laboratory*
2. Integrating Analytic and Appearance Attributes for Human Identification from ECG Signal. **Dr. Kostas Plataniotis**, *University of Toronto*
3. ECG Biometric Recognition without Fiducial Detection. **Dr. Kostas Plataniotis**, *University of Toronto*
4. Changeable Biometrics for Appearance Based Face Recognition. **Ms. MinYi Jeong**, *Yonsei University*
5. Gait Recognition, Foot Motion, Covariate, Predictive Model. **Dr. Shuichi Enokida**, *Kyushu Institute of Technology*
6. Iris Recognition Based on Feature Extraction in Kernel Space. **Mr. Shuai Shao**, *University of Electronic Science and Technology of China*
7. Robust Feature-Level Multibiometric Classification. **Dr. Massimo Tistarelli**, *University of Sassari*
8. A Protection Scheme for MoC-Enabled Smart Cards. **Mr. Claude Barral**, *Gemalto*
9. A Multimodal Approach for 3d Face Modeling and Recognition Using Deformable Mesh Model. **Dr. Mohamed Abdel-Mottaleb**, *University of Miami*
10. Identification Model for Classifier Combinations. **Dr. Venugopal Govindaraju**, *Center for Unified Biometrics and Sensors (CUBS)*
11. High magnification and long distance face recognition: database acquisition, evaluation, and enhancement. **Dr. Bisma Abidi**, *University of Tennessee, Knoxville*
12. Automatic Tooth Segmentation Using Active Contour without Edges. **Mr. Ayman Abaza**, *West Virginia University*
13. Individual TensorFace Subspaces For Efficient and Robust Face Recognition That Do Not Require Factorization. **Ms. Sung Won Park**, *Carnegie Mellon University*
14. How Low Can You Go? Low Resolution Face Recognition Study Using KCFA on FRGC dataset. **Dr. Marios Savvides**, *Carnegie Mellon University*
15. Amorphous Data Scoping: Unsupervised Learning Biometric Data Scoping. **Mr. Aaron Baughman**, *John Hopkins University*

Wednesday: September 20th

Session V: 8:30 - 10:00 (Wed) Chair: Dr. Anil K. Jain

8:30 - 8:40 : IEEE TAB Committee on Biometrics, Dr. Evangelia Micheli-Tzanakou, Rutgers University

8:40 - 9:20 : Invited Talk, Prof. Tieniu Tan, CASIA

9:20 - 9:40 : 3D Touchless Fingerprints: Compatibility with Legacy Rolled Images. Ms. Yi Chen, Michigan State University

9:40 - 10:00 : Minutiae-based structures for a Fuzzy Vault. Ms. Arathi Arakala, Royal Melbourne Institute of Technology

Session VI: 10:30 - 11:30 (Wed) Chair: Dr. Marios Savvides

10:30 - 10:50 : A Robust Iris Segmentation Procedure for Unconstrained Subject Presentation. Mr. Jinyu Zuo, West Virginia University

10:50 - 11:10 : Robust Fake Iris Detection Based on Variation of the Reflectance Ratio Between the Sclera and the Iris. Dr. Kang Ryoung Park, Sangmyung University

11:10 - 11:30 : Segmenting Non-ideal Irises Using Geodesic Active Contours. Dr. Arun Ross, West Virginia University