Tuesday, May 12th  Pre-Conference Events

1:00 PM – 3:00 PM  **RESEARCHER WORKSHOP** – Research that pushes the state of the art in biometrics, led by Dr. Anil Jain. Open to all University researchers.

3:00 PM – 5:00 PM  **STRATEGIC PLAN INITIATIVES SESSION** – Discussion of CITeR initiatives. ALL WELCOME. Please contact Stephanie Schuckers to register for this session.

Wednesday, May 13th

8:00 AM – 8:30 AM  **MEETING REGISTRATION & COFFEE**

8:30 AM – 9:50 AM  **Welcome by Clarkson University**
Dr. William Jemison, Vice Provost for Research

**State of CITeR**
Stephanie Schuckers, *Clarkson University*
Judee Burgoon, *University of Arizona*
Matthew Valenti, *West Virginia University*
Venu Govindaraju, *University at Buffalo*
Arun Ross, *Michigan State University*

**Guest Speaker**
Diane Stephens, Biometric Analyst
DHS Office of Biometric Identity Management
9:50 AM – 3:20 PM **NEW PROJECT PROPOSALS & DISCUSSIONS**

**Lunch @ 12:00 Noon**

(8 MIN PRESENTATIONS, 2 MIN QUESTIONS, 10 MINUTE OPEN DISCUSSION)

9:50 AM – 10:30 AM **SECURITY**

Impact of Database Characteristics on the Behavior of Biometric Cryptosystem
C. Liu, D. Hou, S. Schuckers (CU)

Interoperability of Fingerprint Spoof Detectors Across Different Sensors and Materials
A. Ross (MSU), S. Schuckers (CU)

Face Liveness Detection: Phase 2
A. Jain (MSU)

*Open Discussion - SECURITY*

10:30AM-11:00AM **Break**

11:00AM – 12 NOON **BEHAVIORAL**

Development and Validation of a Standardized Test of Deception Detection Accuracy
J. Burgoon (UA), J. Hall (Northeastern U), J Marquardson (UA/MTU)

Profiling Users Based on Data Access Patterns
V. Chandola (UB)

Merging Human Behavioral Observation with Computer Vision Techniques to Interpret Photos on Social Media and Cell Phones
S. Pentland (UA), J. Burgoon (UA), T. Bourlai (WVU)

Context-aware Anomaly Detection in Internet of Biometric Things (IoBT)
B. Kantarci, M. Erol-Kantarci, S. Schuckers (CU)

The Effect of Perceived Behavior Surveillance on Voluntary Disclosure
B. Dorn, L. Spitzley (UA)

*Open Discussion - BEHAVIORAL*

12 NOON – 1:00PM **LUNCH**

1:00 PM – 2:00PM **FACE/IRIS**

Quality of Heterogeneous Face Images and Restoration Algorithms to Mitigate Noise and Blur
T. Bourlai, X. Li and N. Schmid (WVU)

Assessing the Match Performance of Non-Ideal Operational Facial Images Using 3D Image Data
J. Dawson (WVU)

Face Recognition and Liveness Detection in the Ultraviolet Band
T. Bourlai (WVU) and L. Hornak (UGA)

Facial Hair Recognition in the Visible the Thermal Bands
D. Rissacher (CU), T. Bourlai (WVU)

Video-based Face Recognition with Quality Measures
G. Guo (WVU)

*Open Discussion – FACE/IRIS*
2:00PM – 3:20PM

**NOVEL**

**mBrain Password: Developing EEG-based User Authentication System for Mobile Devices**

*W. Xu, S. Sethur, V. Govindaraju (UB)*

**UAS (Unmanned Aerial System) Person Identification, Tracking & Following**

*D. Rissacher (CU)*

**Investigating Keyboard Separability Using Gaussian Mixture Model**

*S. Upadhyaya (UB)*

**OTHER**

**A Forensic Approach to Iris Analysis**

*A. Ross (MSU) and M. Valenti (WVU)*

**Validating the Representativeness of Samples from Sequestered Biometrics Data Sets (Phase II)**

*M. Culp, K. Ryan, and J. Dawson (WVU), B. Cukic (UNCC)*

**Secure deep learning algorithms for biometric matching**

*J. Hartloff, R. Pandey (UB)*

**Lights-out Latent Matching via Convolutional Neural Network**

*A. Jain (MSU)*

**Open Discussion – NOVEL & OTHER**

3:20PM – 3:50PM

**Break**

3:50PM – 5:00PM

**AFFILIATE FEEDBACK & REVIEW STRATEGIC INITIATIVES**

INCLUDING REVIEW OF RESEARCH PROPOSALS NOT PRESENTED

5:00PM – 6:30PM

**PROGRESS REPORT POSTER SESSION & APPETIZER RECEPTION**

EMBASSY SUITES (SEE PROJECT LISTING ON THE LAST PAGE OF AGENDA)

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**Thursday, May 14th**

8:00AM – 8:30AM

**REGISTRATION & COFFEE**

8:30AM – 8:50AM

**NSF**

8:50AM – 12:30PM

**FINAL REPORTS & DISCUSSIONS**

(15 MIN PRESENTATIONS, 5 MIN QUESTIONS)

8:50AM – 10:30AM

**Face Liveness Detection**

*A. Jain (MSU)*

**Validating the Representativeness of Samples from Sequestered Biometric Data Sets**

*B. Cukic (UNCC), M. Culp (WVU)*

**Heterogeneous Face Recognition: Still-to-Video Matching in Real-World Scenarios**
G. Guo (WVU)
LibDet 2015: Liveness Detection Competition 2015
S. Schuckers, D. Yambay, J. Skufca (CU)
Improving User Perceptions of Identification / Authentication Technologies: Empowering Users with Control to Reduce Privacy Concerns
D. Wilson (UA), J. Proudfoot (Bentley), R. Schuetzler (UA), B. Dorn (UA), J. Valacich (UA)

10:30AM – 10:50 AM   Break

10:50AM – 12:10 AM   An Interviewing Chat Bot for Enhancing Voluntary Information Disclosure
R. Schuetzler (UA), M. Grimes (UA), J. Giboney (SUNY-Albany), J. Buckman (UA), J. Marquardson (UA), J. Burgoon (UA)
Credibility Assessment On The Go: Evaluating a Tablet-Based Concealed Information Test
J. Marquardson (UA), J. Proudfoot (Bentley), M. Grimes (UA), J. Giboney (SUNY-Albany)
Enhancing Face Template Security via Local Feature Hashing
R. Pandey, S. Tulyakov, V. Govindaraju, (UB)
Security Analysis of Fingerprint Matching Systems
V. Govindaraju, A. Rudra (UB)

12:10 AM – 1:00 PM   WRAP-UP / BREAK / LUNCH (TO-GO AVAILABLE)

1:00 PM – 4:00 PM   AFFILIATE ADVISORY BOARD MEETING (AFFILIATES ONLY)
Lead By Affiliate Board Chair: Robert DelZoppo

I. Review of Projects
   a. Final Reports and Progress Reports
   b. New Project Proposals
II. New Project VOTING
III. Items for Discussion & VOTE
   a. CITeR Affiliate Executive Committee
   b. EAB CITeR
IV. Items for Discussion
   a. Use of Electronic Means for Publication Notification via Certified Mail
   b. Strategic Initiatives
   c. Dates for Fall 2015 Program Review at WVU

Adjourn
PROGRESS REPORTS POSTER SESSION

Longitudinal Study on Face Recognition  
A. Jain (MSU)

Automated Face Image Quality Assessment Using a Learning-based Approach  
G. Guo (WVU)

Partial Face Matching Across the Infrared Band  
T. Bourlai (WVU), X. Li, and N. Schmid (WVU) and S. Schuckers (CU)

Noncooperative Human Identification by Face and Clothing  
G. Doretto (WVU)

A Cloud-based Biometric Service Model for Iris and Ocular Recognition Using a Smartphone  
A. Ross (MSU), D. Adjeroh (WVU), M. Valenti (WVU)

GPU-Accelerated Key Frame Analysis for Face in Video Recognition  
C. Liu, D. Rissacher (CU)

Biometric Aging in Children  
D. Rissacher (CU), S. Schuckers (CU), L. Holsopple (CU), P. Rissacher (CPH)

Facial Rigidity During Deception  
S. Pentland, J. Burgoon (UA)

Probabilistic Modeling of Facial Recognition and Tracking Coverage in Smart Spaces Using Actuated Camera Networks  
K. Dantu, S. Setlur, V. Govindaraju (UB)