

PROGRAM REVIEW FALL 2025

Please Note: All meeting times are local time

November 6-7, 2025, Laurel, Maryland

Tour of the National Cryptologic Museum

8290 Colony Seven Rd, Annapolis Junction, MD 20701

Wednesday, November 5, 2025 (1:45 pm - 4:00 pm)

CITeR Welcome - La Palapa Too

7500 Montpelier Road, Laurel, MD 20723

Wednesday, November 5, 2025 (5:30 pm - 7:30 pm)

CITeR Program Review -

Thursday, November 6, 2025

09:00 - 09:40 **keynote Speaker**

TBD

09:40 - 10:10 STATE OF CITeR - DR. STEPHANIE SCHUCKERS

10:30 - 11:00 BREAK

11:00 - 12:10 NEW PROPOSAL PRESENTATIONS & DISCUSSION)

12:10 - 14:10 LUNCH & PROGRESS REPORT POSTER SESSION

14:10 - 15:20 NEW PROPOSAL PRESENTATIONS & DISCUSSION

15:20 - 16:00 MEMBER SPOTLIGHT (15 MIN EACH)

Jian Wang, Thales, Cyber & Digital

Director, Biometrics Research & Technology

Evaldas Borcovas, Neurotechnology

Head of Biometric Technologies Research

16:00 - 17:00 FINAL REPORTS

17:00 - 18:00 STRATEGIC PLANNING BRAINSTORM

18:30 - 20:30 Student/Researcher event - under development
Industry Advisory Board (IAB) Meeting - Part 1

Friday, November 7, 2025

09:00 - 10:20 FINAL REPORT PRESENTATIONS

10:20 - 10:50 BREAK

10:50 - 11:50 FINAL REPORT PRESENTATIONS (CONTINUED)

11:50 - 12:10 TECHNOLOGY TRANSFER & CITeR GITHUB REPOSITORY

12:10 LUNCH AND NETWORKING

12:10 - 14:30 Industry Advisory Board (IAB) Meeting - Part 2

11:00

NEW PROJECT PROPOSAL PRESENTATIONS - 10 MIN (7 MIN ORAL; 3 MIN Q&A)

fingerprint

New proposals to be added

aging, quality & explainability

12:10

2-Minute Reviews - Progress Reports, LUNCH & POSTER SESSION (listed next page)

14:10

NEW PROJECT PROPOSAL PRESENTATIONS - CONTINUED

forensics & deepfakes

New proposals to be added

15:20

MEMBER SPOTLIGHT - *speakers listed on front of Agenda*

16:00

FINAL REPORTS

Unmasking Mobile Biometrics

23S-09C-SP (delayed final) , Daqing Hou, Stephanie Schuckers, Mst Rumana Sumi - (CU)

A Comprehensive Dataset for Deepfake Audio Detection

24S-01B (delayed final), Siwei Lyu, Srirangaraj Setlur, Chengzhe Sun, Shan Jia - (UB)

Investigating Private-Information Leakage from Face Templates (Gateway)

24F-02M-G, Vishnu Boddeti (MSU), Amina Bassit (MSU), Arun Ross (MSU)

17:00

Strategic Planning Brainstorming Session

18:30

Student/Researcher event - under development

Industry Advisory Board (IAB) Meeting - Part 1

PROGRESS REPORT POSTER SESSION

Timing TBD

Study on the Potential for Fingerprint Modality Using Wide-Area Sensors for Next-Gen Digital Identity Management on Consumer Devices, 25S-07B

Sergey Tulyakov (UB), Srirangaraj Setlur (UB), Stephanie Schuckers (UNC)

Longitudinal Progression of Biometric Recognition in Fingerprint, Face, Iris, and Voice, 25S-04C

Stephanie Schuckers (CU), Masudul Imtiaz (CU), Mst Rumana Sumi (CU)

LLM-Based Zero-Shot Explainable Face Recog, Through Synthetic Attribute Manipulations, 25S-05B

Venugopal Shah (UB), Srirangaraj Setlur (UB), Venu Govindaraju (UB)

Feasibility analysis on iris-biometrics authentication from selfie camera, 25S-05C-G

Naveen Venkataswamy (CU), Masudul Imtiaz (CU), Stephanie Schuckers (CU/UNC)

A Multi-Layered Framework for Robust Deepfake Audio Detection & Tamper Analysis, 25S-01CW- J

Masudul Imtiaz (CU), Ajan Ahmed (CU), Nathan Karimian (WVU), Sara Tehranipoor (WVU)

FakePincer: A Multi-pronged Defense against Real-Time Deepfakes in Video Conferencing, 25S-01M

Karthik Nandakumar (MSU), Arun Ross (MSU)

Latent Fingerprint Database w/ Multiple Substrates & Development Techniques, 25S-02W

Jeremy Dawson (WVU), Casper Venter (WVU), Keith Morris (WVU)

Biometric Aging in Children: Phase V

24S-03C (2-year project), Rumana Sumi, Stephanie Schuckers, Masudul Imtiaz, Laura Holsopple - (CU)

Remote Collection of Multimodal Twins Biometric Data

25S-05W, Jeremy Dawson (WVU), Stephanie Schuckers (UNCC)

09:00

FINAL REPORTS - 15 MINUTE PRESENTATIONS, 5 MINUTES Q&A

Additional time built in to facilitate Technology Transition discussion

Auto Det. of Contactless Fingerprint Images in Contact Fingerprint Databases

24F-02W, Christopher Burton (WVU), Jeremy Dawson (WVU)

Dev. of Extended-Length Audio Dataset for Adv. Deepfake Synthesis & Detection

24F-02C, Rahul Vijaykumar(CU), Ajan Ahmed(CU), Masudul Imtiaz (CU)

Vision Language Models for Forensic Biometrics (VLM4FORBIO)

24F-01i, Laurent Colbois (Idiap), Sebastien Marcel (Idiap)

Developing Scene Text OCR for Vehicle Tire Identification and Analysis to Enhance Automobile Fingerprint, 24F-04B *(Previously Fraud Identification Based on Behavioral Characteristics in an Online Marketplace; change approved by CEC)*

24F-04B, Venugopal Shah (UB), Srirangaraj Setlur (UB), Venu Govindaraju (UB)

10:20

break

10:50

FINAL REPORTS - CONTINUED

Study of Identity Preservation in Deepfake Face Swapping Tools & 3D Mask Creation

24F-07C-G, Stephanie Schuckers (CU/UNC-Charlotte), Srijan Das (UNC-Charlotte), Weston Bondurant (UNC-Charlotte), Jahangir Khondkar (CU)

Framework for Independent Evaluation of Behavioral Biometrics

24S-09C-G (delayed final) , Daqing Hou (CU), Sichao Li (CU), Stephanie Schuckers (CU)

Mitigating the Impact of Dilation on Iris Recognition

24F-04W, Hannah Anderson (WVU), Jeremy Dawson (WVU)

11:50

TECHNOLOGY TRANSFER & CITER GITHUB REPOSITORY

12:10

LUNCH

12:10

Industry Advisory Board (IAB) meeting - Part 2