PROGRAM AGENDA

CITeR

PROGRAM REVIEW
FALL 2026

October 27-29, 2026, Charlotte, North Carolina

Please Note: All meeting times are local time



Workshop Honoring Dr. Anil K. Jain

Tuesday, October 27, 2026 (9:00 a.m. - 7:00 p.m.)
University of North Carolina at Charlotte (Main Campus)
Popp Martin Student Union, Room 340A-F, 8845 Craver Rd., Charlotte, NC 28223

Visitor parking is available in the Union Deck (8775 Craver Rd). Rates are $5 per hour; $15 max per day.

CITeR Program Review

Wednesday, October 28th, 2026

The Dubois Center - UNC Charlotte Center City, 320 East 9th Street, Charlotte, NC

Several pay-to-park options are within walking distance; closest is at 422 E. 9th Street (gravel lot)

Check-in at the Lobby, 1st floor; Program begins in the Lecture Hall, Rm 204, 2nd floor
Lunch & Poster Session, Atrium 2nd floor; additional lunch seating on Mezzanine level, 3rd Floor

09:00 - 09:30	WELCOME - DEAN BOJAN CUKIC STATE OF CITER - DR. STEPHANIE SCHUCKERS Report from Deliverables Team
09:30 - 10:00	STRATEGIC PLAN REVIEW
10:00 - 10:30	Break
10:30 - 11:30	NEW PROPOSAL PRESENTATIONS & DISCUSSION
11:30 - 13:30	LUNCH & PROGRESS REPORT POSTER SESSION
13:30 - 14:00	MEMBER SPOTLIGHT (15 MIN EACH)

Synolo Biometrics
Steve Saggese, PhD, CTO & Co-founder

HID Global
Daniel Asraf, VP of Innovation & Product Management
Andal Jaya, Director of Innovation, Biometrics

14:00 - 15:00	NEW PROPOSAL PRESENTATIONS & DISCUSSION
15:00 - 15:30	Break
15:30 - 15:50	NEW PROPOSAL PRESENTATIONS & DISCUSSION
15:50 - 16:30	FINAL REPORT PRESENTATIONS
16:30 - 16:45	NSF Surveys
17:30 - 19:30	Feedback & Strategy

Fahrenheit Charlotte - Rooftop Restaurant, 21st floor of Skye Building Uptown
222 S. Caldwell Street, Charlotte, NC 28202
Valet parking entrance at 459 E 3rd St ($17); metered parking & pay-to-park lots also nearby.

Thursday, October 29, 2026

09:00 - 10:50	FINAL REPORT PRESENTATIONS
10:50 - 11:20	Break
11:20 - 12:30	FINAL REPORT PRESENTATIONS (CONTINUED)
12:30 - 13:30	LUNCH
13:00 - 15:00	Industry Advisory Board (IAB) Meeting

10:30

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

Extra time is allotted at the end of each block to allow for technology transition discussion.

Face, Fingerprint, Voice

Agentic Fingerprint Coach: Real-Time Guidance for High-Quality Rolled Fingerprint Acquisition
26F-01NC, Srijan Das (UNC Charlotte) and Stephanie Schuckers (UNC Charlotte)

Cross-Matcher Calibration of Vendor-Neutral Face Image Quality
26F-01WC, Aaron Storey (CU), Masudul Imtiaz (CU) and Prashnna Gyawali (WVU)

Evaluating Speaker Recognition Performance in Adverse Conditions
26F-01W, Jeremy Dawson (WVU)

Identity, Multimodal

Multi-Speaker Speech Recognition and Transcription in Noisy Environments
26F-05M, Arun Ross (MSU); Morgan Sandler (MSU)

Biometric Aging in Children: Phase VI
26F-01C, Stephanie Schuckers (UNC Charlotte/CU), Masudul Imtiaz (CU), Laura Holsopple (CU)

11:30 **PROGRESS REPORTS - LUNCH & POSTER SESSION** (project listing on next page)

13:30 **MEMBER SPOTLIGHT**

14:00 **NEW PROJECT PROPOSAL PRESENTATIONS - CONTINUED**

Identity, Multimodal

Multi-Agent Biometric System based on Multimodal Large Language Models
26F-04M, Karthik Nandakumar (MSU), Arun Ross (MSU)

On-Device Multi-Cue Vehicle Identification and Verification for Drive-Through Environments
26F-01B, Srirangaraj Setlur (UB), Venu Govindaraju (UB)

Development of Open-Source Course Materials in Identity Management
26F-04NC-G, Lance Peterman (UNC Charlotte), Depeng Xu (UNC Charlotte), Jinpeng Wei (UNC Charlotte)

Privacy and Security

Datasets Enabling FRAUd Detection - palm presentation attacks and face deepfakes
26F-01i, Sébastien Marcel (Idiap)

Robust Detection and Temporal Localization of Deepfakes
26F-02B, Soumyya Kanti Datta (UB), Chengzhe Sun (UB), Siwei Lyu (UB)

15:00 Break, resume at 15:30

Privacy and Security

Cryptographically Bound Challenge-Response Liveness & Watermarking for Injection-Resistant Biometric Authentication
26F-07BC, Vishnu Suresh Lokhande (UB), Jahangir Khondkar (UNC Charlotte), Stephanie Schuckers (UNC Charlotte), Masudul H. Imtiaz (CU), Srirangaraj Setlur (UB)

Hardening Face Templates for Enhanced Privacy and Security
26F-06M, Vishnu Boddeti (MSU), Arun Ross (MSU)

15:50 **FINAL REPORTS - 15 MINUTE PRESENTATIONS, 5 MINUTES Q&A**
Additional time built in to facilitate Technology Transition discussion

Unified Framework for Generation, Detection & Separation of Overlapped Friction Ridge Patterns
25F-01M- SP, Karthik Nandakumar (MSU), Arun Ross (MSU), Anil K. Jain (MSU), Noor Hussein (MSU)

Towards 3D Contactless Fingerprint and Face Matching
25F-02UNCC, Conor Miller-Lynch (UNC Charlotte), Sandip Purnapatra (UNC Charlotte), Afzal Hossain (CU), Stephanie Schuckers (CU/UNC Charlotte)

PROPRIETARY NDA TERMS APPLY TO ALL TECHNICAL PRESENTATIONS AT
THE CITER FALL 2026 PROGRAM REVIEW

16:30
17:30

NSF Surveys

Strategic Planning Discussion, Feedback & Strategy

- Fahrenheit Charlotte - Rooftop Restaurant

- What are the strengths of the CITeR and the IAB meeting?
- What are areas we can improve?
- What specific actions should be given to strategy, given the new strategy document?
- Given the activities proposed, which areas should we focus on next year?

PROGRESS REPORT POSTER SESSION

Posters will be placed in the Atrium for viewing during the lunch

Remember to pickup your POSTER VOTING CARD!

Assessment and Enhancement of AI-Based Biometric Comparison Tools
26S-05B, Venugopal Shah (UB), Srirangaraj Setlur (UB), Venu Govindaraju (UB)

A Comprehensive Evaluation of End-to-End Conditional Synthetic Fingerprint Generation
26S-04NC-SP, Weston Bondurant (UNC Charlotte), Conor Miller-Lynch (UNC Charlotte), Srijan Das (UNC Charlotte), Stephanie Schuckers (UNC Charlotte), Faraz Hussain (CU), Syed Konain Abbas (CU)

Continual Few-shot Learning for Robust Detection of AI-Generated Multimedia Content
26S-02M, Karthik Nandakumar (MSU), Arun Ross (MSU)

Continuous Identity and Trust Management for Autonomous AI Agents
26S-02NC, Sandip Purnapatra (UNC Charlotte), Keith Burghardt (UNC Charlotte), Depeng Xu (UNC Charlotte), Jinpeng Wei (UNC Charlotte)

Hardening Biometrics Systems against Injection Attacks: Building the Foundation for Threat Monitoring Assessment (funding delayed)
26S-01NC, Jinpeng Wei (UNC Charlotte), Stephanie Schuckers (UNC Charlotte)

Hardening Real-world AI media detection (not presenting; delay in receipt of funds)
26S-06B-SP, Siwei Lyu (UB), Srirangaraj Setlur (UB), Chengzhe Sun (UB), Zhaofeng Is (UB), Soumyya Datta (UB), Jialing Chi (UB)

Robust Detection of AI-Generated Audio in Noisy Environments
26S-03W, Prashnna Gyawali (WVU), Jeremy Dawson (WVU)

Robustness Evaluation of Light Emitting Sensor (LES) Fingerprint Technology
26S-04W-SP, Jeremy Dawson (WVU)

Remote Collection of Multimodal Twins Biometric Data
25S-05W-G, Jeremy Dawson (WVU), Stephanie Schuckers (UNC Charlotte)

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09:00 **FINAL REPORTS - 15 MINUTE PRESENTATIONS, 5 MINUTES Q&A**
Additional time built in to facilitate Technology Transition discussion

A Comprehensive Dataset for Evaluating AI-generated Image Detection
25F-01B, Siwei Lyu (UB), Srirangaraj Setlur (UB), Zhaofeng Si (UB), Yu Cai (UB)

Curating and Evaluating AI-Generated Video Content
25F-01W, Prashnna Gyawali (WVU), Jeremy Dawson (WVU)

From Textual Explanation to Scores: Likelihood Ratio using LLMs for Face Recognition
25F-05M, Arun Ross (MSU), Anil Jain (MSU), Redwan Sony (MSU)

Foundation Models for Face Recognition (FMFace)
25F-01i, Sebastien Marcel (Idiap), Hatef Otroshi (Idiap)

Enhancing Accuracy and Robustness of OCR in Real-World Conditions through Domain Awareness
25F-02B, Venugopal Shah (UB), Srirangaraj Setlur (UB), Venu Govindaraju (UB)

10:50 Break

11:20 **FINAL REPORTS - CONTINUED**

A Taxonomy and Benchmark for Selfie Liveness Fraud
25F-04B-G, Siwei Lyu (UB), Zhaofeng Si (UB)

Biometric Aging in Children: Phase V
24S-03C (2yr project), Rumana Sumi (CU), Stephanie Schuckers (CU), Masudul Imtiaz (CU), Laura Holsopple (CU)

Open-Source Facial Image Quality Toolbox Based on ISO/IEC 29794-5
25F-04W, Prashnna Gyawali (WVU), Masudul Imtiaz (CU)

12:30 **LUNCH**

12:40 **Industry Advisory Board (IAB) meeting**

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