OHIO CYBER RANGE INSTITUTE

5TH ANNUAL
CYBERSECURITY EDUCATION SYMPOSIUM

AGENDA
ADVANCING CYBERSECURITY THROUGH DEFENSE, DISRUPTION, AND PERSISTENCE

OCTOBER 13, 2023
9 AM – 4 PM

9:00 am	**OPENING SESSION**	ROOM 140
9:00 am	**Welcome Ceremony and Breakfast**	
9:20 am	**CAPTURE THE FLAG KICK-OFF**	
9:30 am - 9:45 am	**Break**	

9:45 am	**MORNING BREAKOUT SESSIONS**	*Locations (page 2)*
9:45 am	**BREAKOUT SESSION 1**	
10:45 am	**RPC Booths and Networking**	*1st floor main hall*
11:30 am - 12:30 pm	**LUNCH**	

12:30 pm	**AFTERNOON SESSION**	*ROOM 140 and Breakout Rooms (page 2)*
12:30 pm	**BREAKOUT SESSION 2**	
1:30 pm - 1:45 pm	**Break**	
1:45 pm	**BREAKOUT SESSION 3**	
2:45 pm	**RPC Booths and Networking**	*1st floor main hall*

3:15 pm	**CLOSING CEREMONY**	ROOM 140
3:15 pm	**DAN STEIN** Detail to the White House Office of the National Cyber Director as Policy Advisor for the Cyber Workforce, Education, Training and Awareness Directorate	
3:30 pm	**Capture The Flag Winner Ceremony**	
3:45 pm	**Closing Remarks**	

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BREAKOUT SESSIONS:

SESSION 1
9:45 am - 10:45 am

INDUSTRY; RESEARCH
Topic: Defense
Room 145
Operational-Intersectional Threat Modeling: Adapting for IRL and Offline Application
Dr. Michael Loadenthal, *Assistant Professor Research, Center for Cyber Strategy and Policy, University of Cincinnati*

K-12 EDUCATOR
Topic: Defense
Room 150
Cybersecurity fundamental development for ESL/Immigrant students
Haowen Ge, *Executive Director at International Student Services Association(501c3)*

INDUSTRY; HIGHER EDUCATION
Topic: Defense
Room 362
Fear Based Messages and Social Engineering
James D. Robinson

SESSION 1: LIGHTNING TALKS
Three 15 Minute Sessions During the Session 1 Time Slot 9:45 am - 10:45 am

INDUSTRY; RESEARCH; HIGHER EDUCATION; K-12 EDUCATOR
Topic: Defense
Room 140 – 9:45 am -10:00 am
1:1 Detection of Network Attacks Using Machine Learning Models
Alexander Nemecek

K-12 EDUCATOR; RESEARCH; HIGHER EDUCATION; INDUSTRY
Topic: Persistence
Room 140 – 10:05 am - 10:20 am
The Pipeline of cybersecurity: Compared to STEM pipeline theory
Sara Lee

HIGHER EDUCATION; INDUSTRY
Topic: Persistence
Room 140 – 10:25 am -10:40 am
Enhancing Cybersecurity awareness in the state of Ohio through Workforce Development
Sriram Arumelli, *Graduate Student- SoIT & Graduate Research Assistant- OCRI, University of Cincinnati*

SESSION 2
12:30 pm - 1:30 pm

HIGHER EDUCATION
Topic: Defense
Room 145
Privacy preserving AI
Zhongmei Yao, *Research Director for the Center of Cybersecurity and Data Intelligence, University of Dayton*

K-12 EDUCATOR
Topic: Defense, Persistence
Room 150
Engage Secondary Students in Pre-Made Incident Response Scenarios
Moriah Walker, *M. Ed, Cybersecurity Educator Defense*

INDUSTRY; HIGHER EDUCATION
Room 262
Hardware Security Research at Ohio University: Enhancing on-Chip Security
Savas Kaya

INDUSTRY
Room 362
Risk Management Guide, Tools & Assessment Exercise
Charles Robbins

SESSION 3
1:45 pm - 2:45 pm

HIGHER EDUCATION; INDUSTRY
Topic: Defense; Disruption; Persistence
Room 145
Protecting the Future by Investing in Today
Curtis Paulson

INDUSTRY; HIGHER EDUCATION
Topic: Defense
Room 150
Security vs Compliance: Striking the Right Balance
Dave Hatter

HIGHER EDUCATION; INDUSTRY; SMALL BUSINESSES & MANUFACTURERS
Topic: Defense
Room 262
Cybersecurity for Small Businesses and Manufacturers
Vimal Samuel Buck, *Director of Industrial Cybersecurity*

RESEARCH
Room 362
Cybersecurity Education using Generative AI Large Language Models
John Hoag

CAPTURE THE FLAG:
Taking Place During the Symposium, Kick-Off at 9:20 am

Winners Announced at Closing Ceremony

INNOVATE Ohio

Ohio | Department of Education

Ohio | Department of Public Safety

OhioHigherEd | Department of Higher Education

Ohio | Department of Administrative Services

OHIO ADJUTANT GENERAL'S OFFICE