



AI in CYBERSECURITY FOR CRITICAL INFRASTRUCTURE WORKSHOP

Date: Friday, November 8, 2024 9:00 am - 5:00 pm

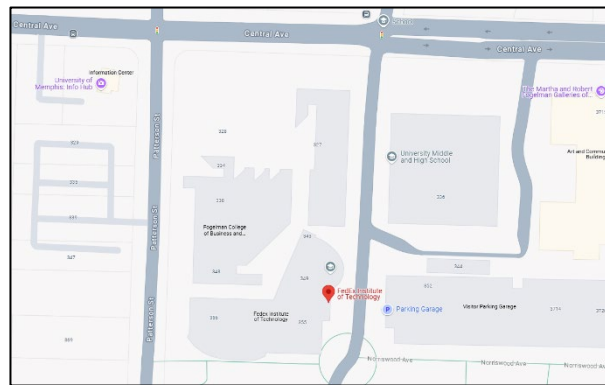
Logistics

Location **FedEx Institute of Technology (FIT)
AutoZone Conference Room
365 Innovation Drive
Memphis, TN 38152**

Parking **Paid Parking is available in the parking garage located opposite to FIT
Building on the Innovation Drive.**



IMAGE - FEDEX INST. OF TECHNOLOGY



MAP - FEDEX INST. OF TECHNOLOGY

**AI in CYBERSECURITY FOR CRITICAL INFRASTRUCTURE WORKSHOP
(Sponsored by NCAE-C-001-2021 Grant)**

**AGENDA
November 8, 2024**

08:00 - 09:00 AM	Breakfast & Refreshments
09:00 - 09:10 AM	Welcome by Dr. Abby Parrill, Dean College of Arts & Sciences
09:15 - 09:45 AM	Topic Title: <i>"Three AI/Cyber Hybrids: SecureAI, CyberAI and SecureCyberAI"</i> by Dr. Gerry Dozier, Auburn University
09:50 - 10:20 AM	Topic Title: <i>"AI in Cybersecurity: Strengthening the Energy Sector Against Cyber Threats"</i> by Mrs. Trina L. Hill, CEO - TLH Consulting Enterprises, Atlanta
10:25 - 10:55 AM	Topic Title: <i>"Pitfalls of Generic Large Language Models (GLLMs) from reliability and security perspectives"</i> by Dr. Dipankar Dasgupta, University of Memphis
11:00 - 11:45 PM	Topic Title: <i>"AI/ML for Secure Cellular Networks in the Critical Infrastructure"</i> by Dr. Arupjyoti Bhuyan, Idaho National Laboratories (virtual presentation)
11:45 - 12:45 PM	Lunch Break – FIT Lobby Area
12:50 - 01:00 PM	Remarks by Dr. Jasbir Dhaliwal, Exec. V.P. of Research & Innovation
01:00 - 01:30 PM	Topic Title: <i>"The MIT Cybersecurity Clinic: teaching, research, and public service"</i> by Dr. Jungwoo Chun, MIT Cybersecurity Clinic (virtual presentation)
01:35 - 02:10 PM	Topic Title: <i>"How Security Landscape Changing Due to Opensource, 3P library/component, and AI generated code?"</i> by Dr. Kul Subedi, Senior Security Researcher at Microsoft MSRC V&M
02:15 - 2:45 PM	Topic Title: <i>"Cybersecurity in Low Earth Orbit Satellite Communications Systems"</i> by Mr. Hans Amelang, University of Memphis
02:45 - 03:00 PM	Afternoon Break
03:00 - 03:30 PM	Topic Title: <i>"Detection of Anomalous Data and Malicious Sensors in Connected and Autonomous Vehicle Networks"</i> by Dr. Sanjay K. Madria, Univ. of Missouri Science & Technology
03:35 - 04:05PM	Topic Title: <i>"Revolutionizing Smart Healthcare: An Edge-Cloud Framework for Secure Data Sharing and Emotion Detection"</i> by Dr. Uttam Ghosh, Meharry Medical College, Nashville
04:10 - 04:55 PM	Briefing NCAE Project: University of Memphis (Dr. Ali & Dr. Won), North Carolina A&T State University (Dr. Roy), University of West Florida (Dr. Francia), Citadel College (Dr. Banik).
04:55 - 05:00 PM	Closing Remarks (Dr. Dipankar Dasgupta, CflA Director)