



CHARIoT'S Workshop

at The Citadel
October 28th-29th, 2024

Monday, October 28th: Day 1
The Citadel
Swain Boating Center (11 Hammond Ave.)

8:30 AM to 9:00 AM

Registration / Continental Breakfast

9:00 AM to 9:30 AM

Welcome Address

Dr. Shankar Banik, Professor and Head of Dept. of Cyber and Computer Sciences, The Citadel
Director, Citadel DoD Cyber Institute

Workshop Logistics

Ms. Malory Saunders-Gooding, Project Manager, Dept. of Cyber and Computer Sciences, The Citadel
Citadel DoD Cyber Institute

9:30 AM to 10:10 AM

Critical Infrastructure and Operationalizing Cyber Threat Intelligence

Dr. Jacob Benjamin, Professor of Practice, Dept. of Cyber and Computer Sciences, The Citadel

10:10 AM to 10:30 AM

Break

10:30 AM to 11:10 AM

Cybersecurity and Resilience in LEO Satellite Systems

Mr. Hans Amelang, Master's Student, Computer Science, University of Memphis

11:10 AM to 11:50 AM

Classifying Malware Traffic Using Images and Deep Convolutional Neural Network

Mr. Roger (Raj) Davis, PhD Student, Computer Science, North Carolina A&T State University

11:50 AM to 1:00 PM	Lunch and Research Discussion
1:00 PM to 1:40 PM	AI-Driven Malware Detection to Safeguard Critical IoT Systems <i>Dr. Farhath Zareen, Assistant Professor, Dept. of Cyber and Computer Sciences, The Citadel</i>
1:40 PM to 2:20 PM	Cybersecurity for Ports <i>Mr. Mark Lester, Information Security General Manager, South Carolina Ports Adjunct Professor, Dept. of Cyber and Computer Sciences, The Citadel</i>
2:20 PM to 3:00 PM	Industrial Control Systems Threat Intelligence <i>Dr. Elizabeth Rasnick, Assistant Professor, Center for Cybersecurity, University of West Florida</i>
3:00 PM to 3:20 PM	Break
3:20 PM to 4:00 PM	Application Hardening on Industrial Control Systems <i>Mr. Richard Owings Jr., Master of Science, Dept. of Cyber and Computer Sciences, The Citadel</i>
4:00 PM to 4:15 PM	Day 1 Wrap-Up <i>Dr. Shankar Banik, Professor and Head of Dept. of Cyber and Computer Sciences, The Citadel Director, Citadel DoD Cyber Institute</i>

Tuesday, October 29th: Day 2
The Citadel
Thompson Hall, 2nd Flr. (2 Jenkins Ave.)

8:30 AM to 9:00 AM	Continental Breakfast <i>Thompson Hall, 2nd floor, Room 227</i>
9:00 AM to 9:15 AM	Opening and Demonstration of CHARIoT Lab <i>Thompson Hall, 2nd floor, Room 229</i>
9:15 AM to 9:30 AM	Opening and Demonstration of Citadel Security Operations Center (C-SOC) <i>Thompson Hall, 2nd floor, Room 211</i>
9:30 AM to 11:00 AM	Open House - CHARIoT Lab and C-SOC
11:00 AM to 12:00 PM	Boxed lunches available in Thompson Hall Conference Room <i>Thompson Hall, 2nd floor, Room 227</i>