



## 2024 VICEROY CYSER SUMMER WORKSHOP SCHEDULE

WASHINGTON STATE UNIVERSITY, PULLMAN, WA

MAY 20 – MAY 29



Day	Time	Event	Location	
Monday May 20	9:00 AM	<b>Welcome</b> Dr. Partha Pande, Interim Dean Voiland College of Engineering & Architecture, WSU	Todd Hall 203	
	9:15 AM	<b>WSU's Commitment to Cybersecurity</b> Dr. Ananth Kalyanaraman, Interim Director School of Electrical Engineering & Computer Science, WSU		
	9:30 AM	<b>Overview of CySER and the Summer Workshop 2024</b> Dr. James Crabb, CySER Program Coordinator School of Electrical Engineering & Computer Science, WSU		
	9:45 AM	<b>Break</b>		
	10:00 AM	<b>Opportunities at the Cybersecurity and Infrastructure Security Agency</b> Daniel Brown, Inland Northwest Cybersecurity Advisor Cybersecurity and Infrastructure Security Agency (CISA)		
	10:45 AM	<b>Break</b>		
	11:00 AM	<b>Cybersecurity Education in the United States</b> Dr. James Crabb, CySER Program Coordinator School of Electrical Engineering and Computer Science, WSU		
	11:45 AM	<b>Lunch</b>		
	1:00 PM	<b>Intro to Cybersecurity and Behavioral Threats</b> Dr. Robert Crossler, Department Chair Management, Information Systems, and Entrepreneurship, WSU		
	1:45 PM	<b>Break</b>		
	2:00 PM	<b>Cybersecurity Careers in DoD</b> CJ Maciag, Director of Cyber Technologies and Academic Outreach Office of the Undersecretary of Defense for Research and Engineering		
	2:45 PM	<b>Break – Move to Spark G10</b>		Spark G10
	3:00 PM	<b>Poster Session</b>		
	3:45 PM	<b>Awarding of Certificates</b>		
4:00 PM	<b>Conclusion of the Day's Events</b>			

Day	Time	Event	Location
Tuesday May 21	9:00 AM	<b>Power Systems and Cybersecurity</b> Dr. Noel Schulz, Professor School of Electrical Engineering and Computer Science, WSU	Todd Hall 203
	9:45 AM	<b>Break</b>	
	10:00 AM	<b>AI, Cybersecurity, and You</b> Tim Schulz, AI Red Team Lead Readiness and Proactive Security, Verizon	
	10:45 AM	<b>Break</b>	
	11:00 AM	<b>Industrial Control System Cybersecurity Risk Management</b> Nathan Kipp, Engineering Manager Schweitzer Engineering Laboratories	
	11:45 AM	<b>Lunch</b>	
	1:00 PM	<b>Digital Forensics (Hands-on Demo)</b> Dr. Clemente Izurieta, Professor Gianforte School of Computing, MSU	
	4:00 PM	<b>Conclusion of the Day's Events</b>	
Wednesday May 22	9:00 AM	<b>Team Building and Leadership</b> Major John-Anthony Ford, Air Force ROTC, WSU	Spark G10
	10:45 AM	<b>Break - Move to Todd Hall 203</b>	Todd Hall 203
	11:00 AM	<b>Operations and Opportunities at NUWC Keyport</b> Dr. Aaron Darnton, Chief Technical Officer Naval Undersea Warfare Center Keyport, US Navy	
	11:45 AM	<b>Lunch</b>	
	1:00 PM	<b>Recent Progress in Modern Cryptography</b> Dr. Feng-Hao Liu, Associate Professor School of Electrical Engineering and Computer Science, WSU	
	1:45 PM	<b>Break</b>	
	2:00 PM	<b>Ethics in Cybersecurity</b> Dr. David Douglas, Senior Lecturer College of Education & Professional Studies, CWU	
	2:45 PM	<b>Break</b>	
	3:00 PM	<b>Human-in-the-Loop Learning Framework for Anomaly Discovery</b> Dr. Jana Doppa, Associate Professor School of Electrical Engineering and Computer Science, WSU	
	3:45 PM	<b>Break</b>	
	4:00 PM	<b>Web Browser Fingerprinting: Revealing Stealth Tracking Techniques and Defenses</b> Dr. Xu Lin, Assistant Professor School of Electrical Engineering and Computer Science, WSU	
4:45 PM	<b>Conclusion of the Day's Events</b>		

Day	Time	Event	Location
Thursday May 23	8:30 AM	<b>Field Trip: Schweitzer Engineering Laboratories</b> Depart to Event Center, 1825 Schweitzer Drive, Pullman, WA	Glenn Terrell Mall
	8:45 AM	<b>Field Trip: Schweitzer Engineering Laboratories</b> Check-in	Pullman
	9:00 AM	<b>Field Trip: Schweitzer Engineering Laboratories</b> Cybersecurity Q&A Panel	
	10:00 AM	<b>Field Trip: Schweitzer Engineering Laboratories</b> Manufacturing Tour	
	11:30 AM	<b>Field Trip: Schweitzer Engineering Laboratories</b> Questions and Check-out	
	11:45 AM	<b>Lunch</b>	
	1:00 PM	<b>Using AI Tools in Cybersecurity (Hands-On Demo)</b> Dr. Jim Alves-Foss, Professor Computer Science Department, University of Idaho	Todd Hall 203
	4:00 PM	<b>Conclusion of the Day's Events</b>	
Friday May 24	8:00 AM	<b>Field Trip: Pacific Northwest National Laboratory</b> Depart to PNNL Discovery Hall, Richland, WA	Glenn Terrell Mall
	10:30 AM	<b>Field Trip: Pacific Northwest National Laboratory</b> Check-in	Richland, WA
	11:30 AM	<b>Field Trip: Pacific Northwest National Laboratory</b> Wireless Communication Lab and Internet-of-Things Lab	
	12:30 PM	<b>Field Trip: Pacific Northwest National Laboratory</b> Lunch, meet-and-greet with Associate Lab Director Deb Gracio	
	1:30 PM	<b>Field Trip: Pacific Northwest National Laboratory</b> DHS Skids – ICS for critical infrastructure	
	2:30 PM	<b>Field Trip: Pacific Northwest National Laboratory</b> Electricity Infrastructure Operations Center and powerNET	
	3:30 PM	<b>Field Trip: Pacific Northwest National Laboratory</b> Discussion about Cybersecurity Careers at PNNL	
	4:30 PM	<b>Field Trip: Pacific Northwest National Laboratory</b> Depart to Pullman	
	7:00 PM	<b>Conclusion of the Day's Events</b> Arrive in Pullman	Pullman

Day	Time	Event	Location
Tuesday May 28	9:00 AM	<b>Protecting Actuators in Real-Time Cyber-Physical Systems</b> Dr. Monowar Hasan, Assistant Professor School of Electrical Engineering and Computer Science, WSU	Todd Hall 203
	9:45 AM	<b>Break</b>	
	10:00 AM	<b>Empowering Learning-Based Vulnerability Analysis via Automated Data Augmentation</b> Dr. Haipeng Cai, Associate Professor School of Electrical Engineering and Computer Science, WSU	
	10:45 AM	<b>Break</b>	
	11:00 AM	<b>Practical Adversarial Malware Attacks and Defenses</b> Dr. Fangtian Zhong, Assistant Professor Gianforte School of Computing, MSU	
	11:45 AM	<b>Lunch</b>	
	1:00 PM	<b>Cybersecurity Industry Panel</b> Andrew Ginter, Waterfall Security Solutions Jason Lee, Splunk Dr. Matt Revelle, MSU Dr. Jessica Smith, PNNL Tim Weaver, AFRL	
	2:45 PM	<b>Break</b>	
	3:00 PM	<b>Making the Most of Your Internships</b> Dr. Sola Adesope, Professor College of Education, WSU	
	3:45 PM	<b>Conclusion of the Day's Events</b>	
Wednesday May 29	8:00 AM	<b>Field Trip: Fairchild Air Force Base</b> Depart to Fairchild AFB Visitor Center	Glenn Terrell Mall
	9:45 AM	<b>Field Trip: Fairchild Air Force Base</b> Check In at Visitor Center and Enter Base	
	10:15 AM	<b>Field Trip: Fairchild Air Force Base</b> 141st Communications Squadron Briefing	Spokane, WA
	10:45 AM	<b>Field Trip: Fairchild Air Force Base</b> 256th Intelligence Squadron Briefing	
	11:15 AM	<b>Field Trip: Fairchild Air Force Base</b> 242nd Combat Communications Squadron Briefing and Tour	
	12:15 PM	<b>Field Trip: Fairchild Air Force Base</b> Lunch and Air National Guard Opportunities	
	1:00 PM	<b>Field Trip: Fairchild Air Force Base</b> Depart to Pullman	Pullman
	2:30 PM	<b>Conclusion of the Workshop's Events</b> Arrive in Pullman	