Welcome to escar USA 2023

Day 1 Agenda

TIME	PRESENTATION	SPEAKER
8:45 AM - 9:00 AM	Introduction and Welcome	
9:00 AM - 9:45 AM	An Industry on the Move: Raising Cyber Maturity in Automotive	Moritz Minzlaff
9:45 AM - 10:15 AM	Securing Vehicle Diagnostics Communication	Jeremy Daily
10:15 AM - 10:45 AM	CANLay: A User-centered Overlay for In-Vehicle Data Dissemination in a Network Virtualized Testbed	Jake Jepson
	Coffee Break	
11:10 AM - 11:55 AM	Remote Lockpicking: Phone-as-a-Key Implementation Pitfalls	Sultan Qasim Khan
11:55 AM - 12:25 PM	Simulation Side Channels: Paving the Way to Improved Assurance	Jasper van Woudenberg
	Lunch Break	
1:40 PM - 1:50 PM	University of Detroit Mercy Automotive Cybersecurity Programs	Mark Zachos
1:50 PM - 2:35 PM	Tesla Model Y NFC Relay: Attack from Thousands of Kilometers Away	Josep Pi Rodriguez
2:35 PM - 3:05 PM	Uptane Software Update Applied Robotic Autonomous Systems	Cameron Mott
	Coffee Break	
3:30 PM - 4:00 PM	Capture the Flag (CTF) for Fun & Education	Ben Gardiner
4:00 PM - 4:45 PM	AI and the Coming Apocalypse	Matthew Carpenter
4:45 PM - 5:00 PM	Day 1 Closing Remarks	
5:00 PM - 7:00 PM	Reception in The Atrium at Saint John's Resort	

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Day 2 Agenda

TIME	PRESENTATION	SPEAKER(S)
8:30 AM - 8:40 AM	Introduction and Welcome	
8:40 AM - 9:25 AM	Securing Vehicle to Cloud Communications	Maitreya Ranganath and Omar Zoma
9:25 AM - 10:05 AM	Root Causing and Automatic Patching of Fault Injection Vulnerabilities	Jasper van Woudenberg
10:05 AM - 10:35 AM	AI-Assisted Vulnerability Analysis and Classification Framework for UDS on CAN-Bus Fuzzer	Golam Kayas
	Coffee Break	
11:00 AM - 11:45 AM	PIVOT: Catalyzing the Community Around Collection and Sharing of Automotive Research Datasets	David Balenson
11:45 AM - 12:15 PM	The Relentless Drive Towards Real-time Compliance	Urban Jonson
	Lunch Break	
1:15 PM - 2:00 PM	Do SBOMs Result in More Secure Products?	Alex Gantman
2:00 PM - 2:30 PM	Impacts of Post-Quantum Cryptography on Automotive Security: A Case Study	Rob Lambert
2:30 PM - 3:00 PM	Emulation and Adversarial Analysis of Electric Vehicle Charging Networks	Ryan Cryar
	Coffee Break	
3:25 PM - 4:10 PM	NIST Automotive Cybersecurity Related Efforts	Nakia Grayson
4:10 PM - 4:30 PM	2023 escar USA Closing Remarks	