

Time	Tuesday, August 9, 2022 Title	Author(s)
9:00 AM	Welcome	Session Host
9:05 AM	Visualization Techniques for Neural Networks	Chad Etheredge, Kyle Russell, James Roznick Intuitive Research and Technology Corporation
9:30 AM	Neuromorphic Applications to the MDS	Timothy Klein, River Reger - Arete James Plank, Charles Rizzo - UTK TENNLab
9:55 AM	Autonomous Intelligent Cyber-defense Agents: Next-Generation Resilience for Space and Missile Defense Systems	Phillip Bridgman Northrop Grumman
10:20 AM	A Deep Learning Framework for Real-Time Health and Security Monitoring and Diagnosis of Manufacturing Systems Based on Energy Consumption Auditing	Jackson Cornelius CFD Research
10:45 AM	Break	
1:30 PM	Welcome	Session Host
1:35 PM	Pwned in Space	Paul Coggins Nou Systems
2:00 PM	Table Tops: Critical for Space Systems Cyber Resiliency	Philomena Compton Sparkman High School
2:25 PM	Improving Cyber Resiliency to Network Attacks	Paul Page US Army Space & Missile Defense Command
2:50 AM	Break	
3:15 PM	Welcome	Session Host
3:20 PM	FAST: A Microservice-Based Architecture for Integration of Flight Test Modeling Domains	Graham Killough, Stephen Redifer, Craig Finley, Daniel Hyams PeopleTec
3:45 PM	Event-driven THORN Simulation Tool Improves End-to-End Space Sensor Integration for Missile Defense	Tim Drummer Northrop Grumman
4:10 PM	High Energy Laser Scene Generation and Tracker Evaluation for Directed Energy Systems	Andrew Theis, Shawn Streling Radiance Technologies

Time	Wednesday, August 10, 2022 Title	Author(s)
9:00 AM	Welcome	Session Host
9:05 AM	Artificial Intelligence/Machine Learning (AI/ML) Concept to Model Cyber Resilience of an Edge Computing Network	Kent Eversmeyer, Rory Bogan, Mark Teresin Torch Technologies
9:30 AM	Supporting Edge Deployment of SAR-based Artificial Intelligence/ Machine Learning Microservice Workloads Using Multi-Cloud Services and Data Segmentation Products	Mark Soyka, Shane Dell, Mark Jennings, Nathan Barber Concurrent Technologies Corporation
9:55 AM	Cybersecurity at the Edge: Advantages and Challenges Using Docker Containers	Robert Pilgram, Roy Brown, Glenn Hembree, Charles Bryant Bevilacqua Research Corporation
10:20 AM	Achieving the Edge: Developing Tactically-Deployable AI-Tracking for C-UAS HEL	Blake Anderton, Jonathan Hampton, Philip Brown, Wade Porter, Michael Gulley Radiance Technologies
10:45 AM	Break	
1:30 PM	Welcome	Session Host
1:35 PM	The Role of Cannon-Launched Munitions in Layered IAMD	David Castellano, SES Munitions & Engineering Technology Center, US Army DEVCOM
2:00 PM	Digital Transformation Enables Next Generation Threat Development for Missile Defense	Tim Drummer Northrop Grumman
2:25 PM	MBSE Methodologies to Evaluate Cyber Resiliency of DoD Systems to Vulnerabilities and Countermeasures	Jason Rogers, Chuck Speaks Intuitive Research and Technology Corporation
2:50 PM	Break	
3:30 PM	Welcome	Session Host
3:35 PM	Creating a Risk Managed and Threat Informed Cyber Defense Strategy	Micah VanFossen H2L Solutions
4:00 PM	Leveraging Open Security Controls Assessment Language for Achieving Cyber Resilience and Risk Management Framework Automation: Applications for Space and Missile Defense	Phillip Bridgman Northrop Grumman
4:25 PM	A New Strategy for the Infinite Cybersecurity Game	Jonathan Sewell - Davidson Technologies Matthew Puckett - Alabama A&M University