

Tuesday, August 6, 2019			
Time	Title	Author(s)	Speaker
1:30 PM	Welcome	Session Host	Justin Scharber CFD Research
1:35 PM	Artificial Intelligence (AI) Applications for Space and Missile Defense System Diagnostics	Ruben Burgos, Lower Tier Project Office David Aebischer, Cintel	David Aebischer Cintel
2:00 PM	Automating Multi-Sensor Calibration through Transfer-Learning Features from Simulated to Physical Imagery	Blake Anderton Torch Technologies	Blake Anderton Torch Technologies
2:25 PM	Signals Intelligence Alert & Prediction System (SNAPS) - AI/ML for SIGINT Analysis	Jim Buford, Mark Umansky, Aviation & Missile Center-S3I Daniel Anderson, Brad Beazer, Warren de Wit, Radiance Technologies Andrew Zinn, Hill Technical Solutions	Warren de Wit Radiance Technologies
2:50 AM	Break		
3:15 PM	Welcome	Session Host	Justin Scharber CFD Research
3:20 PM	Collaborating with Artificial Intelligence	Connor Wood, Aaron McUumber, Daniel Schirmer Northrop Grumman	Connor Wood Northrop Grumman
3:45 PM	Applications of Advances in Artificial Intelligence to Support Robust BMDS Algorithm Development and Data generation	Stephen Hartley Modern Technology Solutions Inc	Stephen Hartley Modern Technology Solutions Inc
4:10 PM	AI enabled C2Core for Accelerating Multi-Domain Command and Control (MDC2) Effects and Tempo	Jay Lennon Parsons	Jay Lennon Parsons
4:35 PM	Future Proof Your Aerospace and Defense Test Systems From Day 1	Dave Baker G Systems	Dave Baker G Systems
Wednesday, August 7, 2019			
Time	Title	Author(s)	Speaker
1:35 PM	Welcome	Session Host	Justin Scharber CFD Research
1:40 PM	The ALIEN Network: An Automatic Target Recognition Algorithm	Seth Zuckerman, Timothy Klien, Alexander Boxer, Travis Shrontz, Amanda Steck Areté Associates	Travis Shrontz Areté Associates
2:05 PM	The Use of AI/ML and Virtual Reality as a Big Data User Interface with SMD Applications	Michael Yohe, Dr. William Marx, Kyle Russell, Gavin Richardson Intuitive Research & Technology	Michael Yohe Intuitive Research & Technology
2:30 PM	Virtual Operator – Applying Machine Learning to Simulate Operators for System Test & Evaluation	Andrew Puglise, Brad Mears Northrop Grumman	Brad Mears Northrop Grumman
3:00 PM	Break		
3:30 PM	Welcome	Session Host	Justin Scharber CFD Research
3:30 PM	Cyber Operational Risk Tool (CORT)	Joe Stiene, US Army SMDC/ARSTRAT Geoff Embrey, Noetic Strategies	Geoff Embrey Noetic Strategies
3:55 PM	Cyber Common Operating Picture	Jamie Miller Mission Multiplier	Jamie Miller Mission Multiplier

4:20 PM

Proportional-Velocity-Deficit (PVD) Guidance

Chuck Wright
Cummings Aerospace

Chuck Wright
Cummings Aerospace