

# **MDE EXPO FALL 2025**

**Wednesday, November 19, 2025 - Wednesday, November 19, 2025**

**The Inn at Virginia Tech**

## **Scientific Program**

## **Latham A**

**F25-04: Drive Secure: Teaching Automotive Cybersecurity with RAMN**

**F25-06: Automated Coin Grader**

**F25-09: Blue Sentinel**

**F25-14: Portable Low-Power Drone Detection System With Edge AI Accelerator**

**F25-16: Real-Time Fraud Detection**

## **Latham B**

**F25-15: Dynamic Steerable Polymer Embedded Antenna Array (DS-PEAA)**

**F25-11: Micro-Radian Scale Scan Angle Measurement System**

**F25-08: Self-Contained Multi-Platform Radar System**

**F25-05: Low Cost Portable Antenna Range**

## **Drillfield**

**F25-03: Virtual Phasor Measurement Units**

**F25-07: Open-Source Hardware-Based Trusted Platform Module**

**F25-10: Stylus Testing System with Positional and Force Control**

**F25-13: CCD Detector Readout System for Small Satellite Applications**

**F25-17: Autonomous UAV Landing**