

MDE EXPO FALL 2026

November 19, 2026

The Inn at Virginia Tech

Scientific Program

Track 1 - Latham Ballroom A

F26-03: CI/ICS SCADA/PLC, Nuclear Plant, Pentesting-Challenge Devices

F26-04: LoRaWAN Coverage Mapping System

F26-05: A Rapid and Easy-to-Use Sensor for Quantitation of PFAS in Water

F26-08: Development of linear stage with positional and force control.

F26-14: Benchtop Low-Field MRI Prototype

Track 2 - Latham Ballroom B

F26-06: AI-Driven Robotic Fish Filleting System for Small-Scale Seafood Processors

F26-07: Open Source FPGA-based Trusted Platform Module

F26-09: Low SWAP-C Wave Estimate for Small Autonomous Systems

F26-10: Local AI Processing for Autonomous Drone Platforms

F26-12: Autonomous Rover-Deployed Aerial Drone Platform

Track 3 - Drillfield

F26-01: Design Protective Relay Settings

F26-02: Intermediate Bus Converter for Space computing platforms

F26-16: Making Circuit Diagrams Accessible

F26-17: Virginia Tech Rescue Squad New Station Alerting System