Trusted and Assured Microelectronics (T&AM): Create a Resilient and Robust Microelectronics Pipeline

PROGRAM MANAGER(S): Matt Casto, Office Secretary of Defense, T&AM Program Manager	
DATE: Wednesday, August 19, 2020	**TIME:** 210 minutes (1415 – 1745 EDT)
ROOM NUMBER: Virtual	**ROOM NAME:** Virtual

DESCRIPTION

This T&AM technical execution area promotes the adoption of innovation, a resilient supply chain, and the next generation technology. It fosters alliances to preserve the ecosystem, strengthen workforce expertise, lead the next generation of advanced technology, and maintain the U.S. as the global source for advanced, secure, and reliable microelectronics.

AGENDA

1415-1425	***Creating a Robust and Resilient Microelectronics Robust Pipeline*** Dr. Matt Casto, Office Secretary of Defense, T&AM Program Manager
1425-1600	***Education and Workforce Development Panel*** Dr. Alison Smith (NSWC Crane) and Mr. Len Orlando (AFRL), T&AM Education and Workforce Development Co-Leads Panel Members: • Prof. Marty Emmert, NSF IUCRC CHEST (*Center for Hardware and Embedded System Security and Trust*) • Prof. Mark Tehranipoor and Prof. Waleed Khalil, AFOSR MEST/CYAN • Dr. Praveen Chawla, Edaptive Computing Inc. • Ms. Cheyanne Harshman, Centauri Corp. • Prof. Peter Bermel, Purdue; SCALE (*Scalable Asymmetric Lifecycle Engagement*) • Prof. Carolyn Goerner, Indiana at Bloomington; Best Practices in Talent Management
Afternoon Break: 4:00pm-4:15pm	
1615-1645	***"OSD and AF Microelectronics Design and Prototype Challenge"*** Vipul J. Patel, Air Force Research Laboratory, Sr. Electronics Engineer
1645-1715	***Technology Development*** Peter O'Donnell, Army Combat Capabilities Development Command, T&AM Technical Execution Lead • Thomas Dalrymple – AFRL Sensors Directorate • Sam Wanis, PhD –Advanced Electronics, Northrop Grumman Corporation • Scott Suko – Tech Subject Matter Expert, Northrop Grumman Corporation • Dan Toohey – Fellow Chief Technologist, Secure Processing, Mercury Systems • Ryan Close, PhD (ST) – Chief Scientist, Night Vision and Electronic Sensors Directorate (NVESD), U.S. Army Combat Capabilities Development Command
1715-1745	***Supply Chain Awareness and Security*** Adam Hauch, Naval Surface Weapons Center - Crane, T&AM Technical Execution Lead
Virtual Demo and Poster Session: 5:45pm-6:45pm	

QUESTIONS

Please contact Sydney Pope, sydney.pope.ctr@mail.mil for more information following this workshop.