

# Forging the 21st Century T&E Tools in an Era of Great Power Competition

September 27-30 | 2022

The Westin Virginia Beach Town Center | Virginia Beach, VA

## The ITEA Hampton Roads Chapter presents | The 2022 Annual T&E Symposium Lecture Series

From November 2021 – through August 2022 the Chapter will host a mini-series of topics and presenters to lay the groundwork for their presentation at the Main Event – The ITEA Annual T&E Symposium. These presentations will be a glimpse into what to expect when you attend the Symposium in September.

### PREVIOUS PRESENTERS

#### **Topic: AI and Machine Learning: How to Test the Trust Worthiness & Human System Integration?**

Presenters: Daniel Porter, IDA; Dr. Sandra Hobson, OSD-DOT&E; Dr. Laura Freeman, Director of the Hume Center for National Security and Technology's Intelligent Systems Lab, VA Tech; Dr. Jane Pinelis, Chief, Test and Evaluation, DoD Joint Artificial Intelligence Center; Rory Quinn, Guard Unit Branch Head / Adaptive Threat Force

#### **Topic: Accelerating T&E for Hypersonics**

Presenters: Chris Short, Booz Allen Hamilton; Shawn Kennedy, TRMC T&E/S&T Program; Laura Crowley, AIST Deputy; Brooke Pyne, Director, NSTXL; Martin Swamy, Indiana University/IN3 (NSIN Venture Community); Lt. Gen. Chris Bogdon, USAF (Ret) Senior Vice President, Booz Allen Hamilton

#### **Topic: Digital Twin in Test & Evaluation**

Presenters: Jeremy Werner, PhD, Science Advisor, DOT&E; Sankaran Mahadevan, PhD, Vanderbilt University (National Security Innovation (NSIN) Partner); William Nichols, Booz Allen Hamilton; Jim Leathrum, PhD, Old Dominion University, VMASC; Ade Britton, Global T&E Campaign, QinetiQ

## The Main Event

39<sup>th</sup> International T&E Symposium | September 27-30, 2022

The Westin Virginia Beach Town Center | Virginia Beach, VA

Theme: *Forging the 21st Century T&E Tools in an Era of Great Power Competition*

The current Global Power Competition (GPC) climate can pose a change to the acquisition and fielding process of most systems. It is important to understand the 21st Century T&E Tools to improve testing to meet the GPC demand. Join us as we ask the tough questions and gain the answer to: How will the military budget, DoD, DHS, and Commercial Industry adjust in a time of risk and change? And learn if your organization is ready.

### February 22nd:

#### **Topic: Space Technology**

Facilitator: COL Sacha N. Tomlinson, United States Spaceforce, STARCOM Test Enterprise Division Chief  
Presenters: Swami Iyer, President of Aerospace Systems, Virgin Galactic; Daniel Millman, PhD, Chief Technology Officer, Stratolaunch, Lieutenant Colonel Matthew Wroten, Deputy Director of USSF Test & Evaluation, Space Force; James Reilly, PhD, Booz Allen Hamilton, Senior Executive Advisor for the Global Defense Group (former NASA Astronaut)

### March 31st:

#### **Topic: Cyber Testing**

Facilitator: Alex Hoover, Associate Director for Physical and Cyber Security Engineering, Department of Homeland Security  
Presenters: Robin Poston, PhD, University of Memphis; Dr. Jones, CISA

### April 2022:

#### **Topic: C6ISR**

Free

Register at [www.itea.org](http://www.itea.org)

**Erwin Sabile, CTEP**

ITEA 2022 Symposium Chairperson  
ITEA Hampton Roads President  
sabile\_erwin@bah.com