



VIRTUAL CONFERENCE

## Enabling Acquisition and Capability Development

September 14–18 | 2020

Hosted by the ITEA Central Florida Chapter

### Monday, 14 September – Tutorials Morning Session: 8:00 AM – Noon

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#### **Design of Experiments (DOE) for Promoters and Practitioners**

Mark Kiemele, Ph.D., Air Academy Associates

#### **T&E in Support of Agile: Test and Evaluation for Information Technology Acquisition**

Robin Poston, Ph.D. University of Memphis and Wayne Dumais, Department of Homeland Security

#### **Introduction to Cybersecurity Test and Evaluation**

Pete Christensen, CTEP, American Systems

#### **Incorporating T&E into Acquisition Contracts**

Terry Murphy and Patrick Kastner, Department of Homeland Security, T&E

#### **The Evolving Role of T&E**

Matt Reynolds, Consultant

#### **T&E Across the DoD Acquisition Lifecycle**

Michael Flynn, Ph.D. CTEP, Defense Acquisition University

### Monday, 14 September – Tutorials Afternoon Session: 1:00 PM – 5:00 PM

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#### **Application of Scientific Test and Analysis Techniques (STAT) Beyond DOE in Test and Evaluation**

Gina Sigler and Sarah Burke, Ph.D., Scientific Test and Analysis Techniques Center of Excellence

#### **Ethically-aligned Experimentation and T&E for Decision Making with Complex Systems**

*(This Tutorial is presented by the ITEA Southern Cross Chapter in Australia)*

Keith Joiner and Malcolm G. Tutty, University of New South Wales, Australian Defence Force Academy

#### **Overcoming Challenges in Distributed T&E**

Gene Hudgins, Test Resource Management Center, Joint Mission Environment Test Capability (TRMC/JMETC)

#### **Laser System T&E Challenges**

Douglas H. Nelson, Teknicare, Inc. and Mark Stevens and Robert Harney, Naval Postgraduate School

#### **Hacking Methods and Their Effects**

Patrick Lardieri, Lockheed Martin and Paola Pringle, NAVAIR

Pre-Symposium Tutorials  
Monday, September 14