

Cybersecurity Workshop

Exploring Cyber Test Ranges: Past Present, and Future Perspectives



CALL FOR ABSTRACTS • DUE July 22ND

WHEN: September 17th (tutorials) • 18th (Technical Program) **WHERE:** Orlando, Florida

Important Training Information: The tutorials being offered on September 17th as well as the two-day technical program can count toward your annual training requirements within your organization!

EXHIBITS:

Expect an intimate gathering of organizations, our attendees, and our esteemed speakers stopping by your booth to discuss your solutions to their biggest challenges. Space is limited - Sign up soon to take advantage of this opportunity.

SPONSORS:

Opportunities are available to highlight your organization before and during the Symposium. Let us know your budget and we will help you get noticed.

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Controlled Unclassified Information (CUI) Presentation

Attendance Requirements: The Workshop will contain several Controlled Unclassified Information (CUI) presentations, which will limit participation to U.S. citizens who are employees of the U.S. Federal Government or its contractors (C), or employees of the Department of Defense or its contractors (D). DoD common access cards (CAC) or personal identity verification (PIV) will be required for entry. More information will be provided online.

OVERVIEW:

ITEA is pleased to announce their Cybersecurity Workshop! Cyberspace attacks against information technology systems, weapons systems, and critical infrastructure remain a significant threat to the reliability and security of those systems. Cyber test and evaluation (T&E) and acquisition organizations increasingly rely on measuring the cyber performance of those systems using “digital twins” and other virtual versions of those systems and the components in them on cyber ranges of various sizes. This workshop will cover the past, present, and future of testing on cyber ranges, including presenting techniques and tools for testing on ranges and emerging technologies for testing to identify, measure and mitigate impact from threats to system missions, resilience, and survivability. The workshop will present and discuss tools and methodologies enabling the early testing in a system’s lifecycle in support of a campaign of learning.

Please join us to share information, lessons learned, and knowledge with professionals from the US and international governments, industry, and academia.

TOPICS FOR PRESENTATIONS AND TUTORIALS:

Submission Deadline:

Track Abstracts are due June 28, 2024 [Request an extension if necessary]

- Automation tools to improve the quality and speed of design, test & evaluation, and remediation with a focus on cyber range testing.
- Big Data, Data Analytics and Visualization
- Creating realistic virtual environments on Cyber Ranges
- Cyber Range of the Future
- Digital Twins in T&E
- Expansion of Cyber Test Ranges across Coalition, Allied, and International partners
- Intersection of Cyber Test Ranges and Model Based System Engineering
- Instrumenting Data Collection
- Measuring Mission Resilience
- Next Generation of Cyber Range Tools
- Testing Cyber Physical System on Ranges and in LVC
- Tools to test early in the System Lifecycle (Static Analysis, Fuzzing, and Formal Methods)
- Using AI and ML in Cyber Range Testing
- VV&A of Cyber Ranges

TUTORIALS OFFERED:

ITEA offers 4-hour tutorials the day before the Workshop begins (Tuesday). This allows individuals to take advantage of increasing their continuing professional education credits. Tutorials require a separate registration from the Workshop. Instructors receive a complimentary registration to attend the Workshop; a secondary instructor will register at the full rate.

For more information and to register visit www.itea.org