



## 2022 Test Instrumentation Workshop (TIW)

# Range of the Future

May 16-19 | 2022

Tuscany Suites and Conference Center

Las Vegas, NV

Our theme this year, *Range of the Future*, recognizes the importance of the Services working together in preparing to meet the challenges of systems of systems concepts which will involve multiple ranges in an expansive geographic test environment.

This year's edition of the Test Instrumentation Workshop will support our need to be alert and aware of all technological developments that may have an impact on our test and evaluation operations. This workshop will discuss selected tenets of the various sensor instrumentation support to include the network, cyber, communications, and the massive resultant data. On behalf of ITEA, and the TIW planning committee, I invite you to submit your abstracts as indicated to allow us to construct a robust program meeting the needs of the Range of the Future.

### CALL FOR TUTORIALS

Tutorials that address the theme of the Workshop are being requested. Pending final program decisions, the tutorials will be scheduled Monday, May 16th from 1-5pm and Tuesday, May 17th from 8:00-12:00pm. Tutorials must be strictly non-marketing in scope, unclassified, and public releasable. Please provide a synopsis of the tutorial no later than 15 February to [TIW@itea.org](mailto:TIW@itea.org).

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### Abstracts Due: February 15, 2022

#### Topics for Consideration:

- AFWERX Accelerators
- AI Machine Learning
- Airborne Instrumentation
- Cyber T&E/Risk Management Framework
- Data Analytics
- Electronic Warfare/Sensor System Instrumentation/Threat Systems
- Innovation and Development in an Operational T&E Environment
- Integrating New Technology on the Range
- Joint Simulation Environment
- Mission Control
- Network Telemetry
- Operations and Maintenance of Range Systems
- Program Management/Systems Engineering
- Range Instrumentation
- Range Interoperability/Cross Range Operations
- RF Telemetry
- Spectrum Management Tools
- Test Range/Test Infrastructure Updates (Commercial, DoD, DHS, DoE)
- Test Safety (Flight Termination Systems, etc.)
- Weapons Effects
- Special Topics: Targets (Ground-Fixed, Ground-Mobile, Airborne, Autonomous Vehicle); Swarm Techniques; UAS & C-UAS; AI)

For abstract submission form or more info visit:

[www.itea.org/event/2022-tiw](http://www.itea.org/event/2022-tiw)