

22nd NDIA Systems and Mission Engineering Conference - 2019

NDIA

Some Metrics ...

- 524 attendees
- 200 Papers
- 3 Tutorials
- 4 Panel Discussion

Proceedings

- With apologies for the delay, presentations are now available at:
<https://www.ndia.org/events/2019/10/21/22nd-annual-systems-and-mission-engineering-conference/proceedings>

Status Report: Feb-2020

NDIA

23rd Annual Systems & Mission Engineering Conference

October 19-22, 2020

***Renaissance Orlando at Seaworld
Orlando FL***

Sponsored by

NDIA Systems Engineering Division

in partnership with

NDIA Integrated Program Management Division

In Conjunction With

OSD(R&E)

With participation by

IEEE Systems Council and IEEE Aerospace & Electronic Systems Society



Renaissance Orlando at SeaWorld

6677 Sea Harbor Drive; Orlando, FL 32821



Call for Papers

Issued 28-Jan-2020; abstracts due 15-May

Topics

- Acquisition Agility
- Agile Systems Engineering
- Aging Aircraft
- Application of Industry Systems Engineering/Mission Engineering Best Practices, Tools, Methodologies & Technologies
- Architecting and Architecture
- Capability Maturity Model Integration (CMMI)↔
- COTS Integration
- Development Planning
- Development Test & Evaluation – Systems Engineering Interaction
- Digital Engineering Implementation and Infrastructure
- Engineered Resilient Systems (ERS)
- Environment, Safety, & Occupational Health
- Human Systems Integration
- Improve Mission Readiness & Systems Availability
- Integrated Diagnostics/Prognostics/Enterprise Health Management
- Integrated Risk and Opportunity Management
- Interoperability in a Net Enabled Operations Environment
- Life Cycle Systems & Program Management Improvements
- Mission Engineering/Mission Assurance
- Model-based Systems Engineering/Model-centric Engineering – Applications & Project Experience
- Modeling & Simulation – Design & Methodology
- Modular Open Systems Approach (MOSA)
- Program Management
- Role of SE in IV&V
- Software-Intensive Systems
- Specialty Engineering
- Sustainment of Legacy Systems
- Systems Engineering Education & Training
- Systems Security Engineering and Assurance
- Test & Evaluation – Systems Engineering Interaction

Tracks will be defined based on abstracts submitted

DoD engagement

- **OSD is assisting in the planning of the conference**
- **NDIA currently working to identify keynote and plenary speakers**
- **In discussion with USAF (Matt Ratcliff, Roger Jones) to hold a “Digital Engineering ‘Pitch Day’ ” in conjunction with the S&ME conference**
 - **ConOps**
 - USAF provides problem scenarios / use cases
 - Companies develop and present brief solution proposals
 - USAF evaluates proposals, selects recipients, and awards contracts on the spot.
 - **Logistics**
 - Will be held before or after S&ME Conference, and will not require conference registration or attendance