21ˢᵗ Annual Systems Engineering Conference

October 22-25, 2018
Grand Hyatt Tampa Bay
Tampa FL

Sponsored by
NDIA Systems Engineering Division
in partnership with
NDIA Integrated Program Management Division
In Conjunction With
Deputy Assistant Secretary of Defense, Systems Engineering
With participation by
IEEE Systems Council and IEEE Aerospace & Electronic Systems Society

Conference Tracks & Topics

- **Agile** 6
- *Architecture (none submitted 2016)* 10
- **Better Buying Power/Affordability** 0
- **Computational Research & Engineering Acquisition Tools and Environments (CREATE) (added for 2017)** 19
- *Developmental Test & Evaluation (DT&E) none submitted 2016* 4
- **Digital Engineering/Model-based Systems Engineering (added for 2017)** 17
- **Education & Training** 13
- **Engineered Resilient Systems (ERS)** 14
- **Enterprise Health Management** 2
- **Environment, Safety, and Occupational Health (ESOH)** 22
- **Human Systems Integration (HSI)** 6
- **Mission Engineering** 4
- **Modeling & Simulation** 4
- **Net-Centric Operations (NCO) / Interoperability** 6
- **Program Management** 9
- **Systems Security Engineering (SSE)** 30
- **Systems of Systems Engineering** 7
- **Systems Engineering Effectiveness** 12
- *Software (none submitted 2016)* 4

Committee & Tracks

Modeling & Simulation	David Allsop, Chris Schreiber
Systems Engineering Effectiveness	Tim White/Joe Elm
Engineered Resilient Systems	Lois Hollan
Systems Security Engineering	Holly Dunlap
Agile in Systems Engineering	John Norton/Linda Maness/Eileen Wrubel
Environmental Safety & Occupational Health	Sherman Forbes
Program Management/~~Better Buying Power~~	Ken Nidifer, Dale Gillam
Human Systems Integration	Matt Risser/Patrick Fly
Net Centric Operations/Interoperability	Jack Zavin
System-of-Systems Engineering	Judith Dahmann/Rick Poel/Jeff Wolske
Educational & Training	Don Gelosh
Enterprise Health Management	Chris Reisig
Architecture	Bob Scheuer/Ed Moshinsky
Development Test & Evaluation	Joe Manas
Software	Paul Croll/Ken Nidifer

Added for 2017

Digital Engineering/MBSE	Phil Zimmerman
CREATE	Doug Post

Abstracts

- **Call for papers is done**
  - Awaiting NDIA to send out
- **http://application.ndia.org/abstracts/9870**
- **Abstracts due June 1, 2018**

INCOSE CSEP Exam

- **The INCOSE Certified Systems Engineering Professional (CSEP) exam was given as part of the 2017 conference and we expect will be conducted in 2018 as well.**

- **Monday October 22, morning**

- **Conducted at the hotel**

Where after 2017?

- **Conference started in San Diego, 1998**
  - Hilton, I-8 Hotel Circle
  - Stayed there 2 years
- **Dallas TX (3x)**
- **Back to San Diego (Hyatt Regency Islandia)**
- **Tampa FL (1x)**
- **Back to Hyatt Mission Bay in 2004**
  - Stayed there until 2012 when bottom fell out
  - Attendance in 2011 was 575; in 2012 it was 225
- **Moved to Hyatt Crystal City in 2013**
- **Moved to Waterford, Springfield VA in 2014**
- **Moved to Tampa in 2018**
  - And we plan to stay there for the next 2-3 years

Related SE Conference

- **11th Annual IEEE International Systems Conference**

- **April 23-26, 2018**

- **JW Marriott Parc Vancouver**

- **Vancouver, BC Canada**

- **Technical co-sponsorship by INCOSE**
  - Previously a full INCOSE-managed track, from 2018 on full technical co-sponsorship

- **http://2018.ieeesyscon.org/**

Additional Conference Opportunity

- **IEEE Systems Council is starting a conference on Cybersecurity at the unclassified level**

- **Launch date 2019**

- **Gaylord Convention Center, National Harbor**

- **NDIA is being invited to be either a financial co-sponsor or technical co-sponsor**
  - **Systems Engineering Division**
  - **CyberSecurity Division**

- **Prospectus being written for Dave Chesebrough to take to upper management for approval**