20th Annual Systems Engineering Conference

October 23-26, 2017
Waterford Conference Center
Springfield VA

Sponsored by
NDIA Systems Engineering Division

In Conjunction With
Deputy Assistant Secretary of Defense, Systems Engineering

- **Waterford, Springfield**
- **385 attendees**
- **225 abstracts submitted**
- **175 presentations**
- **3 major panels**
  - Industry Executives
  - DoD & Agency System Engineering Leads
  - DoD & Agency Program Managers

- **Dates: October 23-26, 2017**
- **Waterford Conference Center**
- **200 abstracts submitted including tutorials**
  - Accepted 189
  - Presented about 180 due to no-shows
- **Attendees: 340**

Keynote & Panels

- ## All day Tuesday:

- ## Keynote:
  - ### VADM Paul Grosklags, Commander, NAVAIR

- ## Panels
  - ### DoD & Agency Program Managers; Col Dave Mcillece (90 min)
  - ### Service SE Leads, Kristen Baldwin (75 min)
  - ### Inter-agency SE activities, Kristen Baldwin (75 min)
  - ### Industry Executives, Frank Serna (90 min)

- ## Buffet lunches
  - ### Chicken was NOT served at every lunch!

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
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

INCOSE CSEP Exam

- **The INCOSE Certified Systems Engineering Professional (CSEP) exam was given as part of the conference**

- **Monday October 23, morning**

- **Conducted at the Embassy Suites**

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**

Tampa, Florida

October 22-25, 2018

Specific venue will be announced shortly

Call for Papers will be released Jan 1 2018

Papers due date June 1 2018

- **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/**

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

- **Launch date early 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**