

# Welcome

*to the*

## 19<sup>th</sup> Annual Systems Engineering Conference

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*Sponsored by*  
**NDIA Systems Engineering Division**

*In Cooperation With*  
**Office of the Deputy Assistant Secretary of Defense, Systems  
Engineering**

# Why are we here?

- **Simple answer-**
  - We are systems engineering practitioners and managers
  - We believe that effective systems engineering is a key ingredient in achieving successful programs
  - We want to dialog with our industry and government counterparts to learn new things and share ideas and accomplishments

# Some Engineers get lost easily





**LOST**

**CONFUSED**

**UNSURE**

**UNCLEAR**

**PERPLEXED**

**DISORIENTED**

**BEWILDERED**

## THE ISLAMIC STATE REVEALS ITS AIRFORCE



# High-tech equipment in a low-tech world---



# Some Conference Statistics

**190 papers presented**

**1 tutorial**

**3 executive plenary sessions**

**Several panels in breakouts**

**Monday October 24 Sessions: 1300 - 1730**

**Breakouts, and Tutorial**

**Developmental Test & Evaluation**

**Systems Engineering Effectiveness**

**Architecture**

**Systems Security Engineering**

**Education & Training**

**Systems Engineering Tutorial**

- 0815 – 1200**      **PLENARY SESSION**
- 0815 – 0830:**      **Opening Remarks, Introduction**
- 0830 - 0930**      **Keynote Address: Mr. Stephen Welby,**  
**Assistant Secretary of Defense for Research and Engineering**
- 0930- 1000**      **Networking & Coffee Break**                      **Lobby area**
- 1000 - 1145:**      **Industry Executive Panel: Systems Engineering Issues**  
*Moderator: Frank Serna, Draper Laboratory*  
*Principal Director, Strategic Initiatives*
- 1145 – 1200**      **Presentation of NDIA Ferguson Awards for Systems**  
**Engineering Excellence**  
  
*Ms. Kristen Baldwin, Deputy Assistant Secretary of*  
*Defense, Systems Engineering (Acting)*
- 1200 - 1315**      **Buffet Lunch**    **Hazel Ballroom**



# Program – Tuesday Oct 25 PM

- 1315 - 1500**      **DoD Program Manager's Panel**  
*Moderator: Col David McIllece, USAF; DASD/SE  
Deputy Director, Systems Engineering & Policy*
- 1500- 1530**      **Networking & Coffee Break**      **Lobby area**
- 1530 - 1715:**      **DoD SE Leads Executive Panel:**  
*Moderator: Kristen Baldwin, Deputy Assistant  
Secretary of Defense, Systems Engineering (Acting)*
- 1730-1900**      **Welcome Reception**      **Lobby Area**

# Program - Wednesday Oct 26

## 0800-1715 Breakouts resume

1- Modeling & Simulation

Singleton

2- Systems Engineering Effectiveness

Miller

3- Engineered Resilient Systems

von Sternberg

4- Systems Security Engineering

Gibson

5- Agile

Sellier

6- Environmental Safety & Occupational Health

Korman

# Some Logistics Info---

**Displays & Coffee Breaks** are in Displays area in Lobby

**Exhibitors** are there to discuss their capability in **Systems Engineering**

**Lunches** are in Hazel Ballroom

**Proceedings** with all releasable presentations will be on **DTIC Site** within 3 weeks:

<http://www.dtic.mil/ndia/2016system/2016system.html>

# Display Companies

- **ADI Technologies, Inc**
- **Defense Acquisition University**
- **Georgia Tech Research Institute**
- **Jama Software**
- **No Magic, Inc.**
- **Project Performance International**
- **Sparx Systems Pty, Ltd**
- **SPEC Innovations**
- **Johns Hopkins University**
- **US Army RDECOM-ARDEC-SED**

# And Special Thanks To---

## DoD Partners:

Stephen Welby, Kristen Baldwin, Col David McIllece,  
and especially Jane McCullough

## Session & Track Chairs:

WAY too many to list, visit with them in the sessions-  
see listing in the Program

## NDIA Meeting Planner:

Tina Fletcher

## NDIA Division Director

Britt Sullivan

# Thanks To our Sponsors



# **20<sup>th</sup> Annual Systems Engineering Conference**

**October 23-26, 2017**

**Waterford Conference Center**

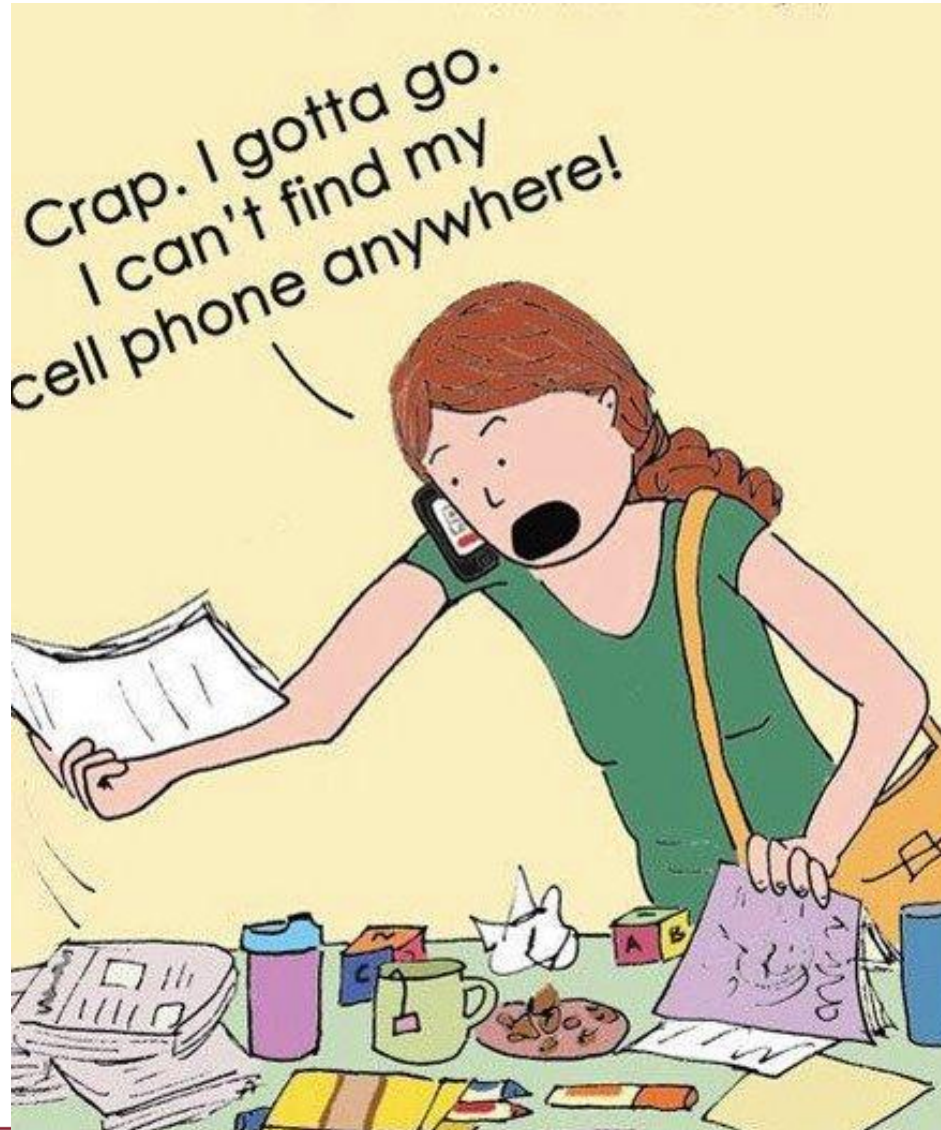
***Call for Papers & Call for Displays will be  
sent to all attendees***

**Papers Due Date: May 26, 2017**

***IEEE International Systems Conference  
April 24-27, 2017, Montreal, QC Canada  
Abstracts due Oct 31, 2016***

**<http://www.ieeesystemscouncil.org/>**

# Don't get distracted by your cell phone





Since we mentioned that---

Basic  
Human  
Needs

