

Systems Engineering Division

**Bi-Monthly Meeting
18 April 2018**

<http://www.ndia.org/divisions/systems-engineering>

Agenda (1 of 2)

Time	Topic	Presenter(s)
8:00 am	Coffee & Check-in	
8:30 am	1. Opening Remarks, Introductions	Mr. Joseph Elm, SE Division Vice Chair L3 Technologies
8:45 am	2. Sponsor Overview	Mr. Rob Gold Director of Engineering Enterprise ODASD (SE)
9:30 am	3. Mission Engineering Discussion and Q&A	Mr. Rob Gold Director of Engineering Enterprise ODASD
10:10 am	4. SE Division Actions 2018	Joseph Elm
10:20 am	5. SE Conference Update	Joseph Elm
10:30 am	Coffee Break	

Agenda (2 of 2)

Time	Topic	Presenter(s)
10:45 am	<p>Committee Reports</p> <ul style="list-style-type: none">• Agile and SE• Architecture• Automatic Test• DT&E• Education & Training• Enterprise Health Management• ESOH• Human Systems Integration• Interoperability• Modeling & Simulation• SE Effectiveness• Software• System of Systems• Systems Security Engineering	
11:45 am	Division Business	Joseph ELm
12:00 am	Adjourn	

National Defense Industrial Association SYSTEMS ENGINEERING DIVISION

16-Apr-2018



Steering Committee
Div Chairs (Exec Com) plus:
 Pete Larkin – GD, Electric Boat
 (open) – Harris
 Garry Roedler – Lockheed Martin
 Mark Schaeffer – ManTech Int'l
 Randall Lum – Northrop Grumman
 Christi Gau Pagnanelli – Boeing
 Frank Phillips – BAE Systems
 David Schulte, SAIC
 (open) – United Technologies
 Tim White – Raytheon
 Angela Wallace – Booz Allen Hamilton
 Everett Lewis – Rolls Royce

CHAIR
 Frank Serna
 Draper
VICE-CHAIRS:
 Joe Elm
 L3 Technologies
 Chair Emeritus
 Bob Rassa
 Raytheon

Sr Gov't Participation
 Kristen Baldwin – DASD(SE)
 Doug Wiltsie – US Army
 Marty Irvine – US Navy
 Jeffrey Stanley – USAF
 Jack Zavin – ODASD C3/Cyber

Affiliate Groups
 Gery Mras – AIA
 Garry Roedler – INCOSE
 (open) – IEEE Computer Society
 Bob Rassa – IEEE AESS
 Pat Griffin – IEEE SCC20
 George Rebovich – MITRE
 Dr. Ken Nidiffer – SEI
 (open) – Aerospace Corp

System-of Systems Cmte
 Rick Poel, Boeing
 Dr. Judith Dahmann, MITRE
 Jennie Horne, Raytheon

Human Systems Int Cmte
 Matthew Risser, Pacific S&E
 Tom Hagale, Boeing

Agile and SE WG
 John Norton, Raytheon
 Linda Maness, Northrop

Automatic Test Committee
 Les Orledge, Consultant
 Pat Griffin, Astronics
 Howard Savage, SCI

Development Test & Evaluation Committee
 Joe Manas, Raytheon

ESOH Committee
 David Schulte, SAIC
 Sherman Forbes, USAF

Interoperability Committee
 Jack Zavin – ODASD C3/Cyber
 John Daly – Booz Allen Hamilton

Systems Engineering Effectiveness Committee
 Joe Elm
 L3 Technologies
 Tim White
 Raytheon

Education & Training Committee
 Dr. John Snoderly
 Defense Acquisition University
 Dr. Don Gelosh
 Worcester Polytechnic Institute
 Dr. Ken Nidiffer
 SEI

Software Committee
 Dr. Ken Nidiffer
 SEI
 <open>

Modeling & Simulation Committee
 David Allsop
 Boeing
 Chris Schreiber
 Lockheed Martin

Enterprise Health Management Committee
 Chris Reisig
 Boeing (St Louis)

Systems Security Engineering Committee
 Holly Dunlap
 Raytheon
 Melinda Reed
 ODASD(SE)

Architecture Committee
 Robert Scheurer
 Boeing
 Ed Moshinsky
 Lockheed Martin

NDIA Division Executive: Tammy Kicker

SE Division Bi-Monthly Meeting

PRESENTATIONS

SPONSOR OVERVIEW

MR. ROB GOLD - DIRECTOR OF ENGINEERING ENTERPRISE ODASD (SE)

MISSION ENGINEERING DISCUSSION AND Q&A

MR. ROB GOLD - DIRECTOR OF ENGINEERING ENTERPRISE ODASD (SE)

SE Division Bi-Monthly Meeting

**STATUS OF 2017 ACTION ITEMS &
PREPARING FOR 2018**

Strategic Trends to Consider

- **Systems Engineering and emerging trends in Government acquisition**
- **Topics to consider**
 - Integration with the commercial innovation ecosystem
 - Systems for the Third Offset
 - Modular Open Systems Architecture
 - Cybersecurity and all that it implies
 - Mission Engineering
 - HASC & SASC acquisition reform in FY17 & FY18
- **Actions for 2018**
 - Existing Committees
 - New Working Groups
- **Respond to AT&L reorganization – new DASD(SE) role and mission**

2018 Major Actions 1

Action	Description	Responsible	Status
2018-01	Digital Engineering, working group/committee. Need to define scope of activity. Recommendations on steps industry & government can do to make this happen.	M&S (calls the meeting), Arch, T&E, INCOSE	
2018-02	SE gaps and issues for DHS	Rassa, SEE, T&E Division	
2018-03	AT, SSE, and DTE committees collaboration	Griffin & Dunlap	
2018-04	Add Tuttle/DHS staff to SSE committee	Dunlap	Closed
2018-05	Mission Engineering assigned to SOS committee	Dahmann/SoS	closed
2018-06	INCOSE and NDIA SE Collaboration	Elm & Roedler	On-going discussions
2018-07	Push for more interdivisional activity	Serna, Rassa, Elm	On-going
2018-08	Identify SE Division rep to Trusted Micro Electronics Division relative to supply chain security	SSE / Dunlap, Electronics Division	

2018 Major Actions 2

Action	Description	Responsible	Status
2018-09	Semantic Web – invite Dinesh Verma to speak on this topic at the next SED meeting	Elm	Awaiting response to invitation
2018-10	Common data environment for models	M&S	Need clarification
2018-11	Clarify RAM and sustainment engineering topic	DASD(SE)	Closed – see K. Baldwin slides from Dec
2018-12	Plan an Autonomous Systems and SE challenges workshop (reach out to NASA Armstrong, FAA)	Serna, T&E Division, Ed Kraft, Roedler, Robotics Div.	

SE Division Bi-monthly Meeting

SE CONFERENCE UPDATE

SE Division Bi-monthly Meeting

Committee Reports

AGILE AND SE

ARCHITECTURE

AUTOMATIC TEST

DT&E

EDUCATION & TRAINING

ENTERPRISE HEALTH MANAGEMENT

ESOH

HUMAN SYSTEMS INTEGRATION

INTEROPERABILITY

MODELING & SIMULATION

SE EFFECTIVENESS

SOFTWARE

SYSTEM OF SYSTEMS

SYSTEMS SECURITY ENGINEERING

SE Division Bi-monthly Meeting

OLD AND NEW BUSINESS

- **NDIA strategy highlights**
 - Acquisition Improvement
 - Technological Superiority
 - Defense Resourcing
 - Cyber Security
 - Innovation
 - International Engagements
 - Workforce Development

2018 Meeting Dates



SE Forum Dates (10-11:30 AM)	SE Division Meeting Dates
Thursday, June 21, 2018	Wednesday, June 20, 2018
Thursday, August 16, 2018	Wednesday, August 15, 2018
Thursday, November 15, 2018	NO SE Division Meeting

21st Annual Systems Engineering Conference

October 22-25, 2018, Tampa FL

SE Division Annual Planning meeting

5 December 2018, D.C., GDEB

SE Division Bi-Monthly Meeting

ADJOURN