

Systems Engineering Division

**Bi-Monthly Meeting
28 February 2018**

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

Agenda (1 of 2)

Time	Topic	Presenter(s)
0745	Coffee & Check-in	
0830	1. Opening Remarks, Introductions	Frank Serna, Draper
0845	2. Sponsor Overview The Office of the Deputy Assistant Secretary of Defense for Systems Engineering (ODASD(SE)) will provide an update on DoD Systems Engineering plans/activities	Ms. Kristen Baldwin Acting Deputy Assistant Secretary of Defense for Systems Engineering (DASD(SE))
0930	3a. Supply Chain Community of Interest	Joe Spruill, CSCP, CAPT, SC, USN (Ret) Lockheed Martin
0950	3b. Systems Engineering of the Future	Gary Roedler
1000	4. DHS SE Effectiveness Study	Bob Rassa, Raytheon
1010	5a. SE Division 2018 Actions	Frank Serna, Draper
1020	5b. Systems Engineering Conference: Update on 2018 and plans for 2019	Bob Rassa, Raytheon

Agenda (2 of 2)

Time	Topic	Presenter(s)
1030	Coffee Break	
1045	Committee & other Activity Reports: Brief Overview of status & plans for 2018 <ul style="list-style-type: none">• 6. Architecture• 7. Automated Test• 8. Development Test and Evaluation• 9. Education & Training• 10. Environment, Safety, & Occupational Health• 11. Enterprise Health Management• 12. Human Systems Integration• 13. Modeling & Simulation• 14. Software Committee• 15. Systems Engineering Effectiveness• 16. System Security Engineering• 17. System of Systems• 18. Interoperability	Committee Chairs
1145	Old Business, New Business, Next Meetings	All
1200	Adjourn main meeting	

National Defense Industrial Association SYSTEMS ENGINEERING DIVISION

6 Dec 2017 R2



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
L-3Com

Chair Emeritus

Bob Rassa
Raytheon

Sr Gov't Participation

Kristen Baldwin – DASD(SE)
Doug Wiltsie – US Army
Marty Irvine – US Navy
COL Laird Abbot – USAF
Jack Zavin – ODASD C3/Cyber

Affiliate Groups

Gery Mras – AIA
Garry Roedler – INCOSE
Paul Croll – IEEE Computer Society
Bob Rassa – IEEE AESS
Les Orlidge – 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
Patrick Fly, Boeing

Agile and SE WG

John Norton, Raytheon
Linda Maness, Northrop

Automatic Test Committee

Les Orlidge, 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
L-3Com
Tim White
Raytheon

Education & Training Committee

Dr. John Snoderly
Defense Acquisition
University
Dr. Don Gelosh
Worcester Polytechnic
Institute
Dr. Ken Nidiffer
SEI

Software Committee

Paul Croll
IEEE
Dr. Ken Nidiffer
SEI

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: Dave Chesebrough

SE Division Bi-Monthly Meeting

PRESENTATIONS

SE Division Bi-Monthly Meeting

STATUS OF 2018 ACTION ITEMS

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 New Major Actions (as of 6 Dec)



Action	Description	Responsible	Status
2018-1	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	
2018-2	SE gaps and issues for DHS	Rassa, SEE, T&E Division	
2018-3	AT, SSE, and DTE committees collaboration	Griffin & Dunlap	
2018-4	Add Tuttle/DHS staff to SSE committee	Dunlap	
2018-5	Mission Engineering assigned to SOS committee	Dahmann/SoS	
2018-6	INCOSE and NDIA SE collaboration	Serna & Roedler	
2018-7	Push for more interdivisional activity	Serna, Rassa, Elm	
2018-8	Identify SE Div rep to Trusted Micro Electronics Division relative to supply chain security	SSE/Dunlap, electronics division	

2018 New Major Actions (as of 6 Dec)



Action	Description	Responsible	Status
2018-9	Semantic Web – invite Dinesh Verma to speak on this topic at the next SED meeting	Elm	
2018-10	Common data environment for models	M&S	
2018-11	Clarify RAM and sustainment engineering topic	DASD(SE)	
2018-12	Plan an Autonomous Systems and SE challenges workshop (reach out to NASA Armstrong, FAA)	Serna, T&E Division, Ed Kraft,	

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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, February 15, 2018	Wednesday, February 28, 2018 (new date)
Thursday, April 19, 2018	Wednesday, April 25, 2018 (new date)
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