

**National Defense Industrial Association
Systems Engineering Division
Modeling and Simulation Committee**

**Prepared for the
NDIA Systems Engineering Division Meeting
17 February 2016**

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- **The mission of the NDIA SE M&S Committee is to advance the understanding and use of modeling and simulation in the practice of systems engineering**
- **Presentations from the past seven years of committee meetings are posted on the committee's web site**
- **2016 meetings (scheduled for the day before the NDIA SE Division meeting)**
 - **16 February (Applied Research Associates – Ballston)**
 - **19 April (location TBD)**
 - **21 June (location TBD)**
 - **16 August (location TBD)**

NDIA Systems Engineering M&S Committee Meeting Agenda, 16 February 2016

8:40	Welcome, agenda review, self-introductions	
8:55	Committee overview, meeting schedule	Jim Coolahan (Coolahan Assoc.)
9:00	OSD Engineering Enterprise: Digital Engineering Activities	Mr. Rob Gold (ODASD(SE)/EE)
10:00	National Cyber Range Overview	Robert Tamburello (TRMC)
10:30	Break	
10:45	Early Synthetic Prototyping for Systems Engineering	LTC Brian Vogt (ARCIC) Rob Smith (TARDEC)
11:45	Trial Use of A Standards Profile for the Use of Modeling and Simulation in Support of Acquisition Activities	Kenneth "Crash" Konwin (BAH)
11:55	Status Report, Essential Elements of the System Model Study	Jeff Bergenthal (JHU/APL)
12:10	Highlights of August 2015 Digital System Model Workshop	Jim Coolahan
12:40	Planning for an NDIA-Sponsored Workshop on Use of Digital Models for Competitive Down-Selection	Jeff Bergenthal
12:55	Adjourn	

2016 Tasks

- Publish reports on study on essential elements of a Digital System Model (DSM), and on August 2015 DSM Workshop
- Conduct workshop on the Use of Digital Models for Competitive Down-Selection
- Provide continuing situational awareness for M&S Committee members (ongoing)
- Motivate submittal of abstracts to populate full-length M&S track at 2016 SE Conference

Schedule

- Final report on Essential Elements of a Digital System Model – February 2016
- Final report on DSM Workshop – February 2016
- Committee meetings in February, April, June, and August 2016
- M&S track in NDIA SE Conference – October 2016

Deliverables/Products

- Final report on Essential Elements of a Digital System Model
- Final report on DSM Workshop
- Committee meeting presentations posted on committee web site

Stakeholders/Alignment

- Task Liaison: Ms. Philomena Zimmerman, ODASD(SE)/EE
- Key Interfaces:
 - Simulation Interoperability Standards Organization (SISO) standards and Acquisition track
- Task Objective: Focused on M&S issues for engineering, of interest to ODASD(SE)/EE