



NDIA Systems Engineering M&S Committee Meeting Agenda, 21 June 2016

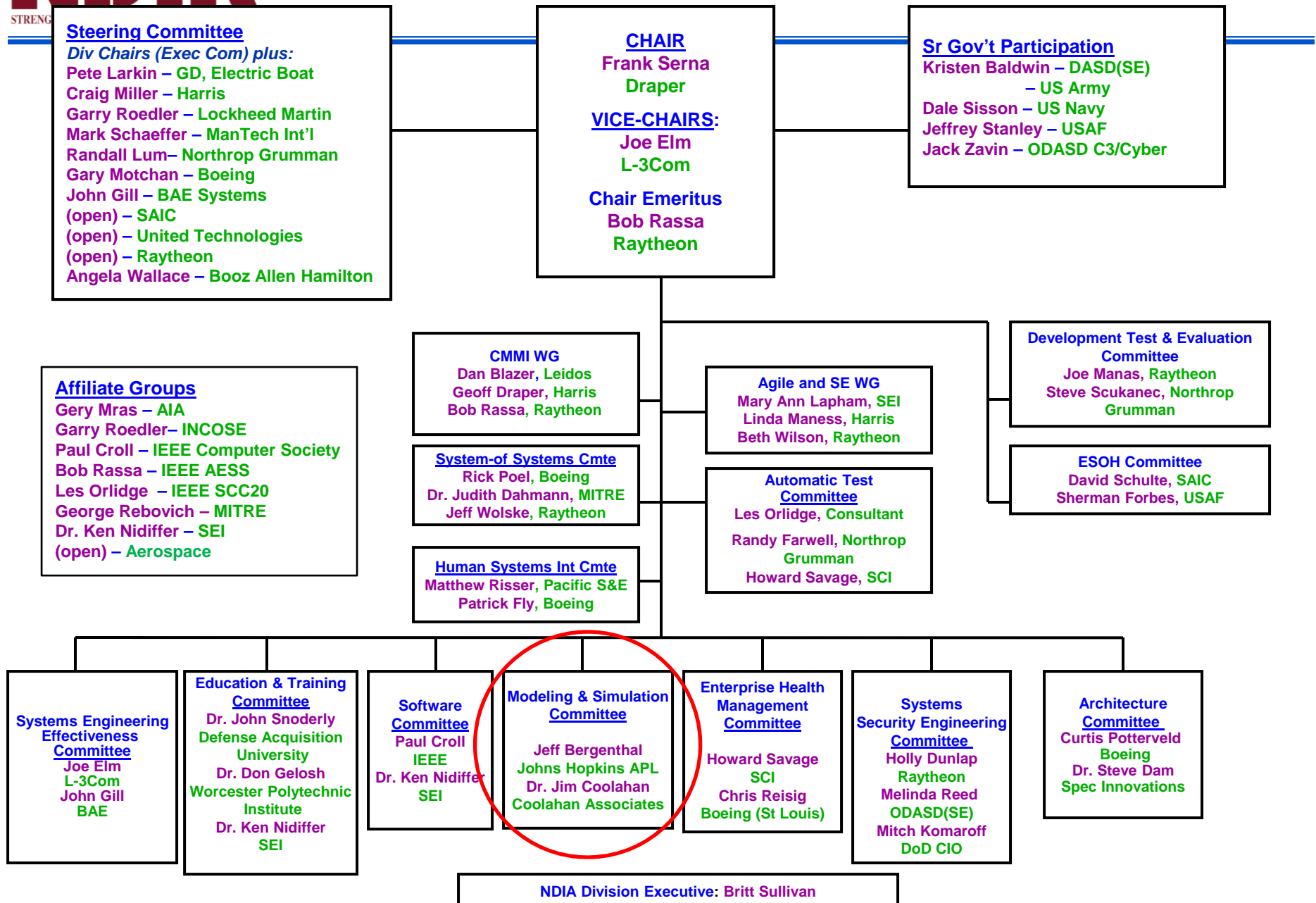
8:40	Welcome, agenda review, self-introductions	
8:55	Committee overview, meeting schedule	Jim Coolahan (Coolahan Assoc.)
9:00	ADAPT - The ARDEC/ANSYS Developed Analysis Preprocessing Tool for Government Solvers	Anthony Dawson (ANSYS)
10:00	High-Fidelity Modeling and Simulation of Ground Robots at ERDC	Chris Goodin (US Army ERDC)
10:45	Break	
11:00	Digital Engineering with the CREATE Tools: Physics-based HPC Software Applications to Reduce the Costs, Risks and Time of DoD Acquisition	Dr. Douglass Post (HPCMP/CREATE)
12:00	Planning for an NDIA-Sponsored Workshop on Use of Digital Models for Competitive Down-Selection	Jeff Bergenthal (JHU/APL)
12:30	Adjourn	

National Defense Industrial Association Systems Engineering Division Modeling and Simulation Committee

**Committee Overview and Meeting Schedule
21 June 2016**

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National Defense Industrial Association SYSTEMS ENGINEERING DIVISION



- **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 (GTRI – Rosslyn)**
 - **21 June (Engility – Washington Navy Yard)**
 - **15-16 August workshop (LMI – Tysons Corner)**

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 DSM Workshop – March 2016 (in SE Division review)
- Final report on Essential Elements of a Digital System Model – June/July 2016
- Committee meetings in February, April, June, and August 2016
- M&S track in NDIA SE Conference – October 2016 [**Abstracts due 24 June**]

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