

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

**Prepared for the NDIA Systems
Engineering Division Meeting
18 April 2018**

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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**
- **2018 meetings (continue to be scheduled for the day before the NDIA SE Division meeting)**
 - February (NG – Navy Yard) - Complete
 - April (Boeing - Arlington) - Complete
 - June (NG – Navy Yard) - Upcoming
 - **August workshop (LM – Crystal City) – Upcoming**
 - October SE Conference (Tampa, FL) – Upcoming
 - December Planning Meeting (DC)



NDIA Systems Engineering M&S Comm. April Meeting Agenda, 16 April 2018

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NDIA SE M&S Committee

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- **Agenda**

- 0800 – 0830
 - Gathering and Meeting kickoff (Schreiber, Allsop)
- 0830 – 0900
 - Subcommittee action and latest discussions and direction
- 0900 – 0945
 - Collaboration with INCOSE/OMG/NDIA/OSD
- 0945 – 1030
 - Digital Artifacts
- 1030 – 1130
 - Defining Digital Artifacts following the Mechanical Engineering Pattern
- 1130 – 1230
 - Discussion on Workshop for 2018 on Digital Artifacts

- **Digital Artifacts**

- Focus for the committee in 2018 (as reported in February)
- Collaborative Effort with INCOSE and OSD
- Charter and Technical Project Plan (TPP) in draft form
- Future face-to-face engagement at INCOSE IS and planned NDIA M&S Workshop
- Purpose and Goals
 - Define digital artifacts (based off ISO/IEEE/IEC 15288)
 - Describe constructs for assembling digital artifacts
 - Identify and gap-analyze standards for exchange
 - Adopt a common lexicon around digital artifacts

- **Committee Action**
 - Coordinate with T&E, Arch, M&S Committees on Digital Engineering
 - Coordination in work with other committees

