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.

2019 meetings (continue to be scheduled for the day before the NDIA SE Division meeting)
- 06 February (LM GVC – Crystal City)
- 09 April (LM GVC – Crystal City)
- 05 June (LM GVC – Crystal City)
- 06-07 August workshop (LM GVC – Crystal City)
### NDIA Systems Engineering M&S Comm.
#### Meeting Agenda, 9 April 2019

<table>
<thead>
<tr>
<th>TIME</th>
<th>PRESENTATION</th>
<th>PRESENTER</th>
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<tbody>
<tr>
<td>12:00</td>
<td>Assemble and Introduction</td>
<td>Schreiber &amp; Allsop</td>
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<tr>
<td>12:30</td>
<td>Subcommittee Action and Latest Discussions</td>
<td>Schreiber &amp; Allsop</td>
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<tr>
<td>13:00</td>
<td>Source Selection using models</td>
<td>Norwood</td>
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<tr>
<td>14:30</td>
<td>Break</td>
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<tr>
<td>14:45</td>
<td>Government progress towards model based acquisition</td>
<td>Zimmerman</td>
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<tr>
<td>16:00</td>
<td>Digital Viewpoint Model Progress (DEIXWG)</td>
<td>McGervey</td>
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Lessons Learned from an ACAT-I DoD Acquisition Program

GBSD MBSE Summit
Hill AFB, Layton, Utah
27-28 June, 2017

Sean McGervey
Program Chief Architect
Sean.McGervey@jhuapl.edu
Summary
So, What Lessons Did We Learn on the Program?

- Integration of MBSE into a Contracting Strategy
  - Understand how you intend to use the model before asking for one

- Documenting MBSE Proposal Requirements
  - Ask for deliverables that demonstrate how the Contractor arrived at their design, not just what the design is

- Configuration Control Across MBSE Environments
  - Convene a Joint Architecture Working Group (JAWG) and document the process by which reviews of the architecture model will be handled
  - Use a web-based portal for collaboration and feedback capture

- Synchronization of Multiple MBSE Environments
  - Understand the points of traceability between models in order to facilitate sharing between organizations

- Executing an MBSE-Driven Design Review
  - Model artifacts (e.g., use case scenarios) are a great storytelling device!
  - Using the “live” model is beneficial, but is not without risk
DEIXWG Progress

• **2019 INCOSE IW**
  – Briefed current status of products
    • DEIXPedia
    • Logical Architecture
    • Standards
    • Digital View Model
  – Resources