<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
<th>Presenter/Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>Continental breakfast available (courtesy of Boeing)</td>
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<tr>
<td>8:40</td>
<td>Welcome, agenda review, self-introductions</td>
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<tr>
<td>8:55</td>
<td>Committee overview, meeting schedule</td>
<td>Jim Coolahan (JHU/APL)</td>
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<tr>
<td>9:00</td>
<td><strong>Joint Strike Fighter M&amp;S Update</strong></td>
<td>Barry Evans (Lockheed Martin)</td>
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<td>9:45</td>
<td><strong>Air Force M&amp;S Vision for the 21st Century</strong></td>
<td>Carol Booth (support to SAF/A6WM)</td>
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<tr>
<td>10:15</td>
<td>Break</td>
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<tr>
<td>10:30</td>
<td><strong>DoD CREATE Air Vehicles Modeling Project</strong></td>
<td>Robert Meakin (DoD HPC Modernization Office)</td>
</tr>
<tr>
<td>11:30</td>
<td><strong>Physics-Based Modeling Conference Committee Organization</strong></td>
<td>Jim Coolahan</td>
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<tr>
<td>11:45</td>
<td>Working lunch (courtesy of Boeing)</td>
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<tr>
<td>12:15</td>
<td>Upcoming Systems Engineering and M&amp;S Conferences</td>
<td>Jim Coolahan</td>
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<tr>
<td>12:20</td>
<td><strong>Life Cycle Cost Modeling Subcommittee Progress Report</strong></td>
<td>Chris Price (Raytheon)</td>
</tr>
<tr>
<td>12:50</td>
<td><strong>Model-Based Engineering (MBE) Subcommittee Final Report</strong></td>
<td>Jeff Bergenthal (Lockheed Martin)</td>
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<tr>
<td>14:00</td>
<td>Adjourn</td>
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</table>
Committee Overview and Meeting Schedule

15 February 2011

Dr. James E. Coolahan
Chair, NDIA Systems Engineering M&S Committee

James.Coolahan@jhuapl.edu
240-228-5155
NDIA SE M&S Committee

• 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
• 2010 meetings: 16 February, 20 April, 15 June, and 17 August at Boeing in Rosslyn (presentations posted on NDIA web site)
• 2011 meetings: 15 February, 19 April, TBD June, TBD August
# NDIA Systems Engineering 2011

## Modeling and Simulation Committee

### 2011 Tasks
- Complete MBE and LCC reports from 2010
- Provide multiple opportunities for DoD CREATE program interactions with industry
- Provide continuing situational awareness for M&S Committee members
- Orchestrate presentations on lessons learned from M&S use on major DoD acquisition programs

### Deliverables/Products
- “Results of Survey on M&S Support for the SE of Systems of Systems, October 2009”
  - Presented at SE Conf in Oct 2009
- Wealth of presentations from M&S committee meetings archived on web site (average of 50 participants in each meeting)

### Schedule
- Full-day committee meetings in Feb, Apr, Jun, Aug 2011 in DC area, aligned with SE Division meetings
- M&S track at NDIA SE Conference (goal is 15-18 presentations and one panel session)
- Physics-Based Modeling Conference (mid-November in Denver, CO)

### Stakeholders/Alignment
- Aligned with ASD(R&E)/SE/SA
- Tasks are focused on M&S issues for engineering, of interest to ASD(R&E)/SE/SA
- Ongoing relationships/interactions with
  - NDIA SoS SE Committee
  - Acquisition M&S Working Group
  - NCOIC M&S activities
  - Simulation Interoperability Standards Organization (SISO) standards and System Life Cycle forum
National Defense Industrial Association
Systems Engineering Division
Modeling and Simulation Committee

Upcoming Systems Engineering and M&S Conferences

15 February 2011

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Chair, NDIA Systems Engineering M&S Committee

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240-228-5155
Upcoming Systems Engineering and M&S Conferences


• 2011 Spring Simulation Multiconference, sponsored by SCS, co-located with the 2011 Spring SIW sponsored by SISO, Marriott Long Wharf Hotel, Boston, MA, 4-7 April 2011. For details, see http://www.scs.org/springsim.


• Interservice/Industry Training, Simulation & Education Conference (I/ITSEC), 28 November - 1 December 2011, Orlando, FL. For details, see http://www.iitsec.org. Paper abstracts are due 25 February.