<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15</td>
<td>Continental breakfast available (courtesy of Lockheed Martin)</td>
<td></td>
</tr>
<tr>
<td>8:40</td>
<td>Welcome, agenda review, self-introductions</td>
<td></td>
</tr>
<tr>
<td>8:55</td>
<td>Committee overview, meeting schedule</td>
<td>Jim Coolahan (JHU/APL)</td>
</tr>
<tr>
<td>9:00</td>
<td><strong>Acquisition Modeling and Simulation Working Group (AMSWG) Update</strong></td>
<td>Phil Zimmerman (OASD(R&amp;E)/SE/SA)</td>
</tr>
<tr>
<td>10:00</td>
<td><strong>Highlights of National M&amp;S Coalition Congress on 6 February</strong></td>
<td>Bill Waite (AEgis Technologies)</td>
</tr>
<tr>
<td>10:20</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:35</td>
<td><strong>The Environmental Data Cube Support System: Overview and Use Case</strong></td>
<td>Bob Brents (Dynamics Research), Ed Weitzner (SPA)</td>
</tr>
<tr>
<td>11:15</td>
<td><strong>The M&amp;S Use Risk Methodology for Risk-Based VV&amp;A</strong></td>
<td>Simone Youngblood (JHU/APL)</td>
</tr>
<tr>
<td>11:50</td>
<td>Lunch (on your own)</td>
<td></td>
</tr>
<tr>
<td>12:50</td>
<td>Upcoming Systems Engineering and M&amp;S Conferences</td>
<td>Jim Coolahan</td>
</tr>
<tr>
<td>12:55</td>
<td><strong>Product Family Engineering: Enabling Shared Use of Product Definition</strong></td>
<td>Ray Jorgensen (Rockwell Collins)</td>
</tr>
<tr>
<td>13:35</td>
<td><strong>Formation of Subcommittee on Identification of M&amp;S Capabilities by Acquisition Life Cycle Phase</strong></td>
<td>Jim Coolahan</td>
</tr>
<tr>
<td>14:05</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>
National Defense Industrial Association
Systems Engineering Division
Modeling and Simulation Committee

Committee Overview and Meeting Schedule
21 February 2012

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

• Presentations from the past three years of committee meetings are posted on the committee’s web site

• 2012 meetings (all Tuesdays, the day before the NDIA SE Division meeting)
  - 21 February
  - 17 April
  - 19 June
  - 21 August
2012 Tasks

• Provide technical program leadership / assistance for second Physics-Based Modeling conference
• Perform assessment of M&S capabilities, and prevalence of specific M&S tools, used in each phase of the Systems Acquisition process
• Provide continuing situational awareness for M&S Committee members

Deliverables/Products

• “Final Report, Model Based Engineering (MBE) Subcommittee” (April 2011)
• Modeling of Life Cycle / Operations & Support Costs: To what degree is commonality achievable?” (April 2011)
• 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 2012 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 (November, Denver, CO)
• Final report on M&S use assessment – December 2012

Stakeholders/Alignment

• Task Liaison: Ms. Philomena Zimmerman, ODASD(SE)
• Key Interfaces:
  • Acquisition M&S Working Group
  • NCOIC M&S activities
  • Simulation Interoperability Standards Organization (SISO) standards and System Life Cycle forum
• Task Objective: Focused on M&S issues for engineering, of interest to ODASD(SE)
Upcoming Systems Engineering and M&S Conferences

21 February 2012

Dr. James E. Coolahan
Chair, NDIA Systems Engineering M&S Committee
James.Coolahan@jhuapl.edu
240-228-5155
Upcoming Systems Engineering and M&S Conferences (Inside the U.S. Only)

• 2012 Spring Simulation Interoperability Workshop (SIW), sponsored by the Simulation Interoperability Standards Organization (SISO), co-located with the 2012 Spring Simulation Multiconference sponsored by The Society for Modeling and Simulation International (SCS), The Florida Hotel and Conference Center, Orlando, FL, 26-30 March 2012. For details, see the SISO web site, [http://www.sisostds.org](http://www.sisostds.org). Early registration deadline is 28 February 2012.


• Interservice/Industry Training, Simulation & Education Conference (I/ITSEC), 3-6 December 2012, Orlando, FL. For details, see [http://www.iitsec.org](http://www.iitsec.org). Abstracts are due 24 February 2012.