

## Meeting Agenda: INCOSE MBSE Patterns Working Group

Tuesday, July 5, 2016, 4:00-4:45 PM EST, web conferenced only

<p><b>Patterns WG Pre-reading and Background:</b> Team web site: <a href="http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns">http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns</a>          Draft agenda Patterns WG mtgs at IS2016: _____          Minutes of IW2016 meeting of Jan 30-31, 2016:  <a href="http://www.omgwiki.org/MBSE/lib/exe/fetch.php?media=mbse:patterns:minutes--pbse_wg_mtgs_01.30-31.2016_v1.2.2.pdf">http://www.omgwiki.org/MBSE/lib/exe/fetch.php?media=mbse:patterns:minutes--pbse_wg_mtgs_01.30-31.2016_v1.2.2.pdf</a>          Methodology Summary from the Patterns WG: <a href="http://www.omgwiki.org/MBSE/doku.php?id=mbse:pbse">http://www.omgwiki.org/MBSE/doku.php?id=mbse:pbse</a></p>	
	<b><u>4:00 - 4:45 EST</u></b>
<b><u>Introduction, review of meeting objectives and agenda</u></b>	04:00 - 04:05
<p><b><u>What the Patterns WG has been doing since IW2016:</u></b></p> <ul style="list-style-type: none"> <li>• At IW2016: 88 on-site participants in our team's events at IW2016! See: <a href="http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns_challenge_team_mtg_01.30-31.16">http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns_challenge_team_mtg_01.30-31.16</a> <ul style="list-style-type: none"> <li>○ Patterns WG Meeting</li> <li>○ Outreach: Joint Review Agile Systems Engineering Life Cycle Model (ASELCM) Pattern, w Agile WG (R. Dove et al)</li> <li>○ Outreach: Joint Workshop with System of Systems (SoS) WG (J. Dahman et al)</li> <li>○ Outreach: Joint Session with Product Line Engineering (PLE) (G. Chale-Gongora et al)</li> </ul> </li> <li>• Organizational Change: Just received (June) INCOSE Tech Ops approval of re-chartering of the MBSE Patterns Challenge Team as MBSE Patterns Working Group:           <ul style="list-style-type: none"> <li>○ Mainstreaming with the other INCOSE Working Groups;</li> <li>○ In line with envisioned transformation of SE to a model-based discipline;</li> <li>○ Updated Charter is substantially same as our original MBSE Initiative-based charter in 2013, but now updated to show the progress we have made over our first three years, along with future goals; see: <a href="http://www.omgwiki.org/MBSE/lib/exe/fetch.php?media=mbse:patterns:mbse_patterns_wg_re-charter_2016_incose_approved_v2.2.1.pdf">http://www.omgwiki.org/MBSE/lib/exe/fetch.php?media=mbse:patterns:mbse_patterns_wg_re-charter_2016_incose_approved_v2.2.1.pdf</a></li> <li>○ This re-chartering as a WG is for INCOSE announcement at IS2016, including presentation to INCOSE CAB</li> <li>○ Realigns our team within the INCOSE Tech Ops and WG structure</li> <li>○ Not departing the (ongoing) MBSE Initiative</li> <li>○ Will involve creating a base WG web site within INCOSE web, integrated with our INCOSE/OMG web site</li> </ul> </li> <li>• Outreach Project: Joint production of the INCOSE Agile Health Care Systems Conference, Chicago, Illinois (held May, 2016) <a href="http://www.incose.org/ChaptersGroups/WorkingGroups/industry/healthcare">http://www.incose.org/ChaptersGroups/WorkingGroups/industry/healthcare</a></li> </ul>	04:05 – 04:20

<p><b>Plans for Patterns WG Meeting and Joint Events at IS2016:</b> Refer to attached Draft Agenda for details</p> <ul style="list-style-type: none"> <li>• Main meeting of our WG will be on Sunday, July 17, 1500 – 1700 (in UK, or 1000 – 1200 EST) and will include web meeting <ul style="list-style-type: none"> <li>○ Planning next work</li> <li>○ Role as an INCOSE Working Group</li> <li>○ IS2016 papers from team to be presented during conference</li> </ul> </li> <li>• Planning next steps with Systems of Systems (SoS) WG: <ul style="list-style-type: none"> <li>○ Patterns in Systems of Systems; exploring interest in future joint project</li> </ul> </li> <li>• Planning next steps with Product Line Engineering (PLE) WG <ul style="list-style-type: none"> <li>○ Harvesting PLE patterns from existing legacy products; exploring interest in future joint project</li> </ul> </li> <li>• Planning next steps with Agile WG on ASELCM MBSE Pattern <ul style="list-style-type: none"> <li>○ Also includes joint presentation of two related IS2016 papers</li> </ul> </li> <li>• Other priorities to include at IS2016?</li> </ul>	04:20 - 04:35																										
<p><b>Discussion of your ideas, interests, concerns, suggestions for future Patterns WG attention:</b></p> <ul style="list-style-type: none"> <li>• Below, from our updated charter, is the running list of current and future activities you have shown interest in pursuing. What would you like to add, be a part of, or take a role in?</li> </ul> <table border="1" data-bbox="178 662 1724 1161"> <tr> <td>Perform joint projects with other INCOSE WGs, where PBSE and other subjects are natural partners, as follows:</td> <td></td> </tr> <tr> <td>• <b>With Agile Systems WG:</b> Member of ASELCM Project Lead Team supporting the parent society ASELCM</td> <td>2016-2017</td> </tr> <tr> <td>• <b>With Product Line Engineering WG:</b> Joint project demonstrating method for harvesting an MBSE Pattern</td> <td>2016-2017</td> </tr> <tr> <td>• <b>With System of Systems WG:</b> Joint project demonstrating S*Pattern extensions to historical SoS WG</td> <td>2016-2017</td> </tr> <tr> <td>• <b>With ISSS:</b> Participation in / support of General Systems Theory plenary at international annual meeting</td> <td>2016</td> </tr> <tr> <td>• <b>With ASME V&amp;V Standards Committees:</b> Patterns in Virtual Certification and Model Validation and</td> <td>2016-2018</td> </tr> <tr> <td>Support for deliverables of the INCOSE MBSE Transformation Lead Team</td> <td>2016-2017</td> </tr> <tr> <td>Additional targeted system application domain patterns</td> <td>Future</td> </tr> <tr> <td>Targeted science domain patterns</td> <td>Future</td> </tr> <tr> <td>ISO 15288 Implications of PBSE</td> <td>Future</td> </tr> <tr> <td>PBSE support for COTS Tools and Information Systems</td> <td>Future</td> </tr> <tr> <td>PBSE Implementation strategies &amp; roadmaps, scenarios</td> <td>Future</td> </tr> <tr> <td>PBSE contribution to SEBoK</td> <td>Future</td> </tr> </table> <ul style="list-style-type: none"> <li>• Discussion, other subjects</li> </ul>	Perform joint projects with other INCOSE WGs, where PBSE and other subjects are natural partners, as follows:		• <b>With Agile Systems WG:</b> Member of ASELCM Project Lead Team supporting the parent society ASELCM	2016-2017	• <b>With Product Line Engineering WG:</b> Joint project demonstrating method for harvesting an MBSE Pattern	2016-2017	• <b>With System of Systems WG:</b> Joint project demonstrating S*Pattern extensions to historical SoS WG	2016-2017	• <b>With ISSS:</b> Participation in / support of General Systems Theory plenary at international annual meeting	2016	• <b>With ASME V&amp;V Standards Committees:</b> Patterns in Virtual Certification and Model Validation and	2016-2018	Support for deliverables of the INCOSE MBSE Transformation Lead Team	2016-2017	Additional targeted system application domain patterns	Future	Targeted science domain patterns	Future	ISO 15288 Implications of PBSE	Future	PBSE support for COTS Tools and Information Systems	Future	PBSE Implementation strategies & roadmaps, scenarios	Future	PBSE contribution to SEBoK	Future	04:35 - 04:45
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<p><b>Adjourn</b></p>	04:45																										

For more information, contact-- **Patterns WG:** Bill Schindel [schindel@ictt.com](mailto:schindel@ictt.com) Troy Peterson [peterson\\_troy@bah.com](mailto:peterson_troy@bah.com)