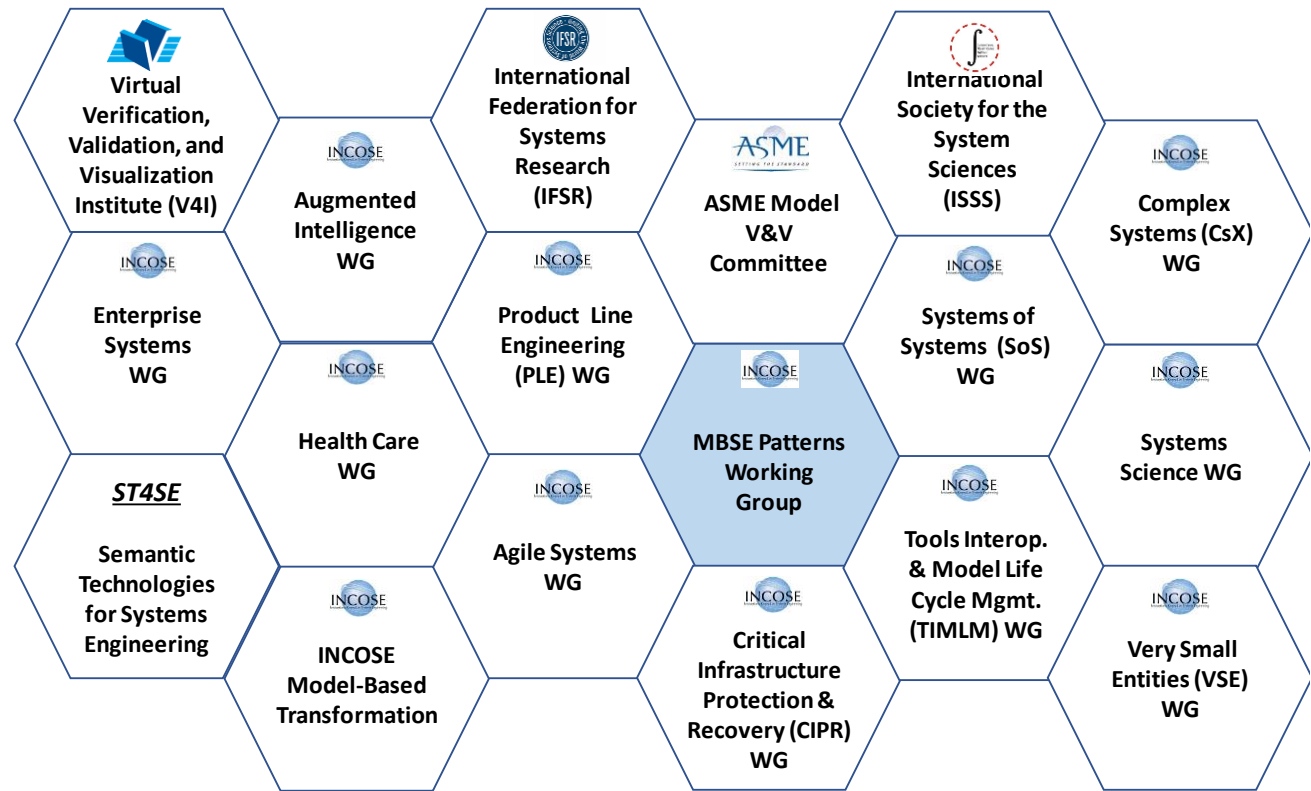


**MBSE Patterns WG:
Joint IS activities,
interests, conversations,
project partners**



Patterns WG Pre-reading and Background:

INCOSE WG web site for MBSE Patterns WG:

<http://www.incose.org/ChaptersGroups/WorkingGroups/Transformational/mbse-patterns>

WG INCOSE/OMG mbse wiki site:

<http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns>

MBSE Patterns WG Charter:

<http://www.incose.org/docs/default-source/Working-Groups/MBSE-Patterns-WG/mbse-patterns-wg-re-charter-2016-incose-approved-v2-2-1.pdf?sfvrsn=2>

PBSE Methodology Summary from the Patterns WG:

<http://www.omgwiki.org/MBSE/doku.php?id=mbse:pbse>

Agenda, Partner Events of Interest: INCOSE MBSE Patterns Working Group, at IS2018, and Web Conferencing	US Eastern Time (ET)	Room	Global Meet
<p><i>INCOSE Transformation: An MBSE Workshop: 8 Short “Lightning Talks” on model-based applications and insights:</i></p> <p><i>Introduction</i></p> <p><i>Evolving MBSE to Enable the Digital Future - David Long</i></p> <p><i>Changing the World with Models - Troy Peterson</i></p> <p><i>Seven Reasons to Trust/Distrust Models - Donna Rhodes</i></p> <p><i>ROI on the edge of MBSE - Mark Sampson</i></p> <p><i>Break</i></p> <p><i>Autonomous Vehicle Development Using MBSE - Chris Davey</i></p> <p><i>Using MBSE to Decrypt the Innovation Process and Corporate Memory - Bob Sherman</i></p> <p><i>Modeling Counterintuitive Results - Ricardo Valerdi</i></p> <p><i>Manufacturing Software: Opportunities and Obstacles - Stephen Mellor</i></p> <p><i>Panel / Forum</i></p> <p><i>Closing</i></p> <p>See also: https://www.incose.org/symp2018/symposium/technical-program-highlights</p>	<p>SATURDAY</p> <p>01:30</p> <p>01:45</p> <p>02:05</p> <p>02:25</p> <p>02:45</p> <p>03:05</p> <p>03:20</p> <p>03:40</p> <p>04:00</p> <p>04:20</p> <p>04:50</p> <p>05:10</p>	<p><i>Independence Ballroom DE - Level 5b</i></p>	<p>--</p>
<p><i>System Science Working Group: A System Science Workshop</i></p>	<p>SUNDAY 8:00-5:00</p>	<p><i>Banneker, Level 1b</i></p>	<p>--</p>
<p>MBSE Patterns WG Meeting (Day 1 of 2 Days):</p> <p>Patterns WG Collaborations and Projects: Current Status, Next Steps, Future Interests of Members - Spread over Sunday and Monday meetings of this Working Group, to include:</p> <ul style="list-style-type: none"> • The INCOSE MBE Transformation and the System of Innovation Pattern • ASME Model V&V Patterns Project, VVUQ Pattern • Health Care Embedded Controls Pattern Collaboration (See also Monday IS session on this) • Patterns in the Public Square: Regulated Innovation (See also Tuesday IS Panel on this below) • IFSR Conversation Product: An MBE Manifesto • Augmented Intelligence Challenge Team Collaboration • Semantic Technologies for Systems Engineering (ST4SE) Collaboration • Interface Patterns Project • SoS WG Collaboration (See also Wednesday IS Panel on this below) • VSE Patterns Project • Agile Patterns Project and WG Collaboration (See also Monday IS session on this) • S3 Pattern and INCOSE OCM—Enterprise WG collaboration • TIMLM Patterns (includes ASME Model Life Cycle working group connection) • PLE WG Project • V4 Institute Collaboration, Tools Mappings • CIPR WG Collaboration and related CIPR Patterns • SysSciWG and ISSS Collaboration (See also Sunday session on this above) <p>Future Project Interests of Attendees</p> <p>(Note: The above agenda topics will be spread across the Sunday and Monday meetings of this WG)</p>	<p>SUNDAY</p> <p>1:30 – 5:00</p>	<p><i>Tiber Creek B</i></p>	<p>YES, Link below</p>

<u>Agenda, Partner Events of Interest: INCOSE MBSE Patterns Working Group, at IS2018, and Web Conferencing</u>	<u>US Eastern Time (ET)</u>	<u>Room</u>	<u>Global Meet</u>
<p><u>MBSE Patterns WG Meeting (Day 2 of 2 Days):</u></p> <p>Patterns WG Collaborations and Projects: Current Status, Next Steps, Future Interests of Members - Spread over Sunday and Monday meetings of this Working Group, to include:</p> <ul style="list-style-type: none"> • • • (continuing detailed topics list in Sunday meeting agenda above) • • <p>Future Project Interests of Attendees</p> <p>(Note: The above agenda topics will be spread across the Sunday and Monday meetings of this WG)</p>	<p><u>MONDAY</u></p> <p>1:30 – 3:00</p>	<p><i>Banneker</i></p>	<p>YES, Link below</p>
<p><u>Other Monday IS Sessions Related to MBSE Patterns:</u></p> <p>Tech Ops Invited Presentation: “Embedded Control of Medical Devices—Trust, but Verify”, Health Care WG, Chris Unger, Marc Horner, Bill Schindel</p> <p>Case Study: “Agile Systems Engineering at Lockheed Martin Aeronautics Integrated Fighter Group”, Agile WG, Rick Dove, Ken Garlington, Bill Schindel</p>	<p>1:30 – 2:15</p> <p>3:30 – 4:15</p>	<p><i>IS Track 6</i></p> <p><i>IS Track 2</i></p>	<p>--</p>
<p><u>Tuesday IS Sessions Related to MBSE Patterns:</u></p> <p>Panel: “Accelerating Innovation Effectiveness: Model-Facilitated Collaboration by Regulators, Technical Societies, Customers, and Suppliers”, Dr. Tina Morrison (FDA), Dr. Joseph Pelletiere (FAA), Steven Donaldson (DoD), Troy Peterson (INCOSE), Marian Heller (ASME), Logen Johnson (SAE), Bill Schindel (Moderator)</p>	<p><u>TUESDAY</u></p> <p>10:00-12:10</p>	<p>IS Track 7</p>	<p>--</p>
<p><u>Wednesday IS Sessions Related to MBSE Patterns:</u></p> <p>Panel: “Systems of Systems Engineering- An Approach to Agile Systems Engineering?” Moderator: Judith Dahmann (The MITRE Corporation) Panelists: Rick Dove (Paradigm Shift International); Stephen Cook (Shoal Engineering); Alan Harding (BAE Systems); Matthew Wylie (Shoal Engineering); William Schindel (ICTT System Sciences); Duncan Kemp (UK Ministry of Defence)</p>	<p><u>WEDNESDAY</u></p> <p>10:00 – 12:10</p>	<p>IS Track 7</p>	<p>--</p>

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