



**28<sup>th</sup>** Annual **INCOSE**  
international symposium

Washington, DC, USA  
July 7 - 12, 2018

## PRODUCT LINE ENGINEERING INTERNATIONAL WORKING GROUP

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### The PLE International Working Group invites you to the **28<sup>th</sup> Annual INCOSE International Symposium**

Grand Hyatt Washington, 1000 H Street NW  
Washington, DC 20001 USA, Tel. +1 202 582 1234

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#### PLE Working Group Preliminary Program & PLE-related Presentations

##### Sunday July/08 – MBSE Patterns WG Meeting

10:30-17:00 Agenda TBD

##### Monday July/09

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| 10:00-10:40 | <ul style="list-style-type: none"><li>• <i>Incorporating Variability and Reuse into System Architecture Models - Principles and Challenges</i> - Robert Malone, Brittany Friedland, John Herrold (The Boeing Company), Ronald Houde (Mannarino Systems and Software)</li></ul>             |
| 10:00-10:30 | <ul style="list-style-type: none"><li>• PLE exhibitor presentation – Big Lever</li></ul>   |
| 13:30-14:10 | <ul style="list-style-type: none"><li>• <i>Developing a Configure-to-Order Product in the Subsea Oil and Gas Domain</i> - Ole Kaare Ulsvik, Kristin Falk (University College of Southeast Norway)</li></ul>  |
| 15:30-16:10 | <ul style="list-style-type: none"><li>• <i>Case Study: Agile Systems Engineering at Lockheed Martin Aeronautics Integrated Fighter Group</i> - Rick Dove (Paradigm Shift International), William Schindel (ICTT System Sciences), Ken Garlington (Lockheed Martin)</li></ul>               |
| 15:30-16:10 | <ul style="list-style-type: none"><li>• <i>Organizational Change Management: A critical skill for SEs (involved in Enterprise Transformation) (involved with sociotechnical enterprises)</i> – William Donaldson (Strategic Venture Planning and Christopher Newport University)</li></ul> |

##### Tuesday July/10 – PLE IWG Meeting

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| 10:00-12:10 | <ul style="list-style-type: none"><li>• <b>PLE Working Group Work Products</b><ul style="list-style-type: none"><li>○ INCOSE WG Work Products publication process</li><li>○ Supporting guidance and recommended practices for adopting ISO 26580 Feature Based PLE Standard</li><li>○ Documenting guidance to support PLE alignment to other WG work products</li></ul></li><li>• <b>Collaboration with other INCOSE working groups and initiatives</b></li><li>• <b>Solicit PLE Papers</b><ul style="list-style-type: none"><li>○ INCOSE Symposium 2019</li><li>○ SPLC 2019</li></ul></li><li>• <b>Leadership succession planning &amp; Recurring PLE engagement plan</b></li></ul> |
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##### Wednesday July/11

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|-------------|---|
| 16:15-16:55 | <ul style="list-style-type: none"><li>• <i>Reverse engineering a legacy software in a complex system: A systems engineering approach</i> - Maximiliano Moraga (University College of Southeast NO), Yang-Yang Zhao (University College of Southeast NO)</li></ul>                           |
| 16:15-16:55 | <ul style="list-style-type: none"><li>• <i>Architecting Disruptive Digital Product-Service Systems</i> - Anand Kumar (Tata Research Development and Design Centre), Doji Samson Lokku &amp; Swaminathan Natarajan (Tata Consultancy Services), Kesav Vithal Nori (IIIT Hyderabad)</li></ul> |

##### Thursday July/12

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| 08:45-09:25 | <ul style="list-style-type: none"><li>• <i>Challenges to Implementing MOSA for Major DoD Acquisition Programs</i> – Edward Moshinsky (Lockheed Martin Corporation)</li></ul> |
| 13:30-14:00 | <ul style="list-style-type: none"><li>• PLE exhibitor presentation – pure::systems</li></ul>   |

**Program subject to change**

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