



2020
Annual **INCOSE**
international workshop
Torrance, CA, USA
January 25 - 28, 2020

PM-SE Integration

www.incose.org/IW2020

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MEMBERS
150

CO-CHAIRS

Jean-Claude Roussel (jc.roussel6231@gmail.com)

John Lomax (john.lomax@airbus.com)

Tina Srivastava (tinaps@alum.mit.edu)

INCOSE CONNECT ADDRESS



<https://connect.incose.org/WorkingGroups/pm-se%20integration/SitePages/Home.aspx>

INCOSE WEB PAGE



<http://www.incose.org/ChaptersGroups/WorkingGroups/process/pm-se-integration>

Charter Summary



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WG PURPOSE/MISSION

Identify and promote opportunities associated with the effective integration of the Systems Engineering and Project/Program Management disciplines.

- Explore the linkages necessary to create effective integration and collaboration between systems engineers and program managers.
- Be the intersection point where systems engineers, program/project managers collaborate and integrate their efforts.

WG GOAL(S)

- Facilitate collaboration between SE and PM communities.
- Demonstrate the value of integrating SE and PM to develop better solutions that drive strategic business results and outcomes.
- Produce useful deliverables that support effective integration and practice of collaborative SE and PM.
- Provide thought leadership on open integration challenges between program PM and SE.
- Bring external thinking into the SE and PM communities to facilitate thinking outside of the box.

WG SCOPE

Our scope encompasses activities relating to defining, capturing, evolving, and communicating PM/SE integration best practices. This may include training material, guideline material, recommendations for industry best practices and standards, and shared output with industry working groups from other organizations. Additionally, also in scope is joining efforts with other INCOSE working groups such as Requirements, Risks, Leans SE, Agile SE, etc? where appropriate.

IW Outcomes



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IW Outcomes

- Review in plenary of 3 initiatives :
- Project Breakdown Structures
- Strategic Technical Planning
- SE Application Needs from Agile Best Practices
- Endorsement of the respective roadmaps
- Key activities planned for 2020 (Papers, Panels, etc..)
- Coordination with PMI (through PMI-INCOSE Alliance Group)
- Link with INCOSE SE Handbook Strategy

Planned Work past IW



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PLANNED ACTIVITIES

- Each initiative leader to seek for new volunteers to contribute
- Plan at least one Webex meeting for each initiative by IS 2020 and before next IW
- Plan meeting at local chapter or sector conference

PLANNED WORK PRODUCTS

EXISTING Products:

- White Paper: "Toward a New Mindset: Bridging the Gap between Program Management and Systems Engineering" by Robitaille, Thomas and Langley. Published in INSIGHT and PM Network in 2011
- The Guide to Lean Enablers for Managing Engineering Programs; 2012, winner of Shingo Research Prize; Editor: Josef Oehmen
- Survey Report: Improving Integration of Program Management and Systems Engineering <http://cepe.mit.edu/survey-results-pm-se/>
- Systems Engineering Vision 2025
- LinkedIn PM & SE Integration Community
- Book: *Integrating Program Management and Systems Engineering: Processes, Tools, and Organizational Systems for Improving Performance*; Editors: Eric S. Rebentisch, Tina P. Srivastava, Kenneth M. Zemrowski, Virginia A. Greiman, Edivandro Carlos Conforto, Marin R. Nelson, Stephen A. Townsend, Eric S. Norman