



2022
Annual **INCOSE**
international workshop
HYBRID EVENT
Torrance, CA, USA
Jan 29 - Feb 1, 2022

Product Lines Engineering

www.incose.org/IW2022



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Product Lines Engineering

CHAIR

Rowland Darbin (Rowland.Darbin@gd-ms.com)

MEMBERS

197

CO-CHAIR

Guillermo Chalegongora (hugo-guillermo.chalegongora@thalesgroup.com)

INCOSE CONNECT ADDRESS



<https://connect.incose.org/WorkingGroups/ProductLines/Pages/Home.aspx>

INCOSE WEB PAGE



<https://www.incose.org/incose-member-resources/working-groups/analytic/product-lines>

Charter Summary



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WG PURPOSE/MISSION

Promote PLE (Product Line Engineering) and related SE (Systems Engineering) best practices
Coordinate activities around PLE at INCOSE level and share results

WG GOAL(S)

Help our members acquire Know?How:

- Compare to the State-of-Art
- Share concerns, experiences, good practices, and traps to avoid

Provide guidelines to set up and evolve PLE in organizations

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WG SCOPE

All types of Systems, Markets, & Organizations

All the SE Processes (needs, requirements, architecture, integration and tests, ?)

All maturity levels of PLE, from opportunistic to completely Integrated and anticipated strategies

OUTCOMES (PRODUCTS/SERVICES)

In the world of business and marketing, a product line is defined as a family of related products that are offered by the same organization, are priced differently, and vary from each other in ways that are noticeable to the customer. Product lines offer the opportunity to achieve economies of scope offered by the products' similarities. Economies of scope refers to the savings possible when the same production processes can produce multiple products more cheaply in combination than separately.

IW Outcomes



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IW Outcomes

New leadership: welcome our new chair Rany Pitz

Increased understanding of Feature Based Product Line engineering in the INCOSE community

PLANNED ACTIVITIES AFTER IW

The WG is looking for inputs on the creation of a PLE competency framework / recognition approach

Creation of PLE specific vision for 2035

Collaboration for Paperless Presentations for IS 2022

Considering inputs for follow on standards for ISO 26580

PLANNED WORK PRODUCTS AFTER IW

Products are currently TBD