



2019

Annual **INCOSE**
international workshop

Torrance, CA, USA

January 26 - 29, 2019

Lean Systems Engineering

www.incose.org/iw2019

Lean Systems Engineering



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Art Hyde (arthyde55@gmail.com)

MEMBERS
100

INCOSE CONNECT ADDRESS



350 Provencal road

INCOSE WEB PAGE



<https://www.incose.org/incose-member-resources/working-groups/transformational/lean-systems-engineering>

Charter Summary



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WG PURPOSE/MISSION

The Lean Systems Engineering Working Group provides a forum for discussion and information distribution of Lean Systems Engineering best practices, methods, tools and processes to promote the efficient conceiving, designing, launching and Life Cycle Management of new products and services that are market leading and compelling to the Enterprise stakeholders and external experiencers.

WG GOAL(S)

It is our goal to strengthen the practice of Systems Engineering (SE) by exploring and capturing the synergy between traditional SE and Lean New Product Creation. To do this, we will advance the Body of Knowledge of Lean Thinking into SE practices to integrate people, processes, and tools for the most effective delivery of value to program stakeholders.

Our goal is 2019 is to progress the development of the Lean Systems Design framework to the point it can be implemented by Enterprises to efficiently develop human centered market leading products and services.

WG SCOPE

Key workstreams to deploy these innovations include proposing Lean SE amendments to the INCOSE SE Handbook, developing and disseminate training materials and publications on Lean SE within the INCOSE community, industry, and academia.

Present major effort is the development of a new Lean Product Creation framework built on the lean enablers previously published by this work group and added to by integrating Design Science and Agile Development methodologies.

- The LSE WG collaborates with the Agile Development Working Group at present, but we recognize collaboration with more WGs is needed to achieve our goal.

Planned Work for IW



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Lean Systems Engineering Work Group Discussion: Lean Systems Design & Sandia National Lab Le

Mon 28 : 13:00-15:00

Gain input to presentations and initiative workplan.