



2019

Annual **INCOSE**
international workshop

Torrance, CA, USA

January 26 - 29, 2019

Architecture

www.incose.org/iw2019

Architecture



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CHAIR

Mike Wilkinson (mike.wilkinson@atkinsglobal.com)

MEMBERS

10 core, 150 occasional

CO-CHAIRS

Richard Martin (richardm@tinwisle.com)

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INCOSE CONNECT ADDRESS



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

INCOSE WEB PAGE



<http://www.incose.org/ChaptersGroups/WorkingGroups/process/architecture>

Charter Summary



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WG PURPOSE/MISSION

The purpose of the AWG is to expand the practice of architecture and advance the body of knowledge. Architecture is an integral part of the concepts and practice considered by Systems Engineering (SE) and other disciplines/specialities, and it must evolve with ongoing advancements whatever their origin. Therefore a standing working group is needed to facilitate and focus ongoing advances in all levels and types of Architecture and to support collaboration across INCOSE, across disciplines/specialities and with other international bodies that have a common interest.

WG GOAL(S)

The primary stakeholders of the AWG are practitioners, researchers, domain experts and tool developers in all levels and types of Architecture. The AWG seeks to accomplish standing goals and goals are established each year at the INCOSE IW.

Within the context of Systems Engineering, the AWG pursues the following standing goals:

- Advance and evolve the body of knowledge on architecture
- Promote the use and practice of architecture
- Share best practices for the use of architecture
- Expand the effort in architecture related standards and specifications.

These goals are conducted in association with other bodies where appropriate. For example, over several years the ISO working groups JTC1/SC7/WG42 and TC184/SC5/WG1 have been 'customers' for AWG input and collaborations with the IEEE, OMG and FEAP0 have been established.

WG SCOPE

The AWG will address Architecture in relevant areas (such as Traditional Systems, Enterprises and Software) as it relates to Systems Engineering applied to all levels and types of systems.

Planned Work for IW



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Architecture Working Group worksession

Mon 28 : 08:00-17:00

This meeting will update members on AWG activities, conduct input session for works in progress, and plan future efforts. (Detailed agenda to follow in late December) Topics include Smart Manufacturing Architecture work session, describing architectures using algebraic specifications, enhancement of the Workbench presented last year, architecture styles input summary, update on architecture related international standards.