2020

Annual **INCOSE**
international workshop

Torrance, CA, USA

January 25 - 28, 2020

Configuration Management

www.incose.org/IW2020

Configuration Management

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60

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INCOSE CONNECT ADDRESS
https://connect.incose.org/WorkingGroups/ConfigMgmt/SitePages/Home.aspx

INCOSE WEB PAGE
https://www.incose.org/incose-member-resources/working-groups/process/configuration-management

Charter Summary

WG PURPOSE/MISSION

The main purpose of the Configuration Management Working Group (WG) is to ensure that the state of the art and the body of knowledge in CM be used to enhance the state of the art and the body of knowledge of SE; and vice versa. The CM WG will lead this effort within INCOSE; in liaison with external CM related experts, standardization bodies and other organizations and communities including other INCOSE working groups, as appropriate.

WG GOAL(S)

To promote, encourage, supervise and perform research to extend the CM scope for SE (directing the cutting edge of SE related CM research) through various efforts including, but not limited to:
- Extending CM along the full lifecycle, including In Service and Asset Management,
- Extending CM across all elements of the System of Interest (SoI) and into Systems of Systems SoS,
- Tailoring and automation of CM,
- Tracing and reusing across multiple programs,

WG SCOPE

This WG will address processes, methods and tools; organizational aspects; business and information requirements; as well as human aspects (competencies) related to CM.
We have down selected the following 3 topics to work on in 2020r:

- Describe Configuration Management vision in a Digital Thread / Digital Twin Implementation.
- Managing CM across an extended enterprise including SoS.
- Upgrade/Create CM glossary to include MBSE scope.

IW Outcomes

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Based on the goals of this WG described above, this WG aims to progress the 3 topics that we selected on working and feedback the findings to policy makers and in the INCOSE handbook and standardizations bodies like SAE. The WG will aim for additional near term deliverables such as an Insight article, work towards a CM Primer, etc.

Planned Work past IW

PLANNED ACTIVITIES

- Continue collaboration with SAE through INCOSE MoU
- Finalize MoU with IPX and work some joint workshops together
- Continue 3 work streams (CM for Digital Thread/Twin, SoS CM Research, Common CM Taxonomy)
- Continue collaboration via liasions with other INCOSE working groups with applicable interactions (PLE, Requirements, DEIX, etc.)
- Planned INCOSE IS meeting to further share working group objectives, share status towards deliverables, and recruit additional volunteers/members.

PLANNED WORK PRODUCTS

- Enhance presentation on the three topics selected and mature them so they become a work product that can be shared later.
- Article on CM to support Dec. Insight issue being orchestrated by PLE working group