



2019

Annual **INCOSE**
international workshop

Torrance, CA, USA

January 26 - 29, 2019

Space Systems

www.incose.org/iw2019

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MEMBERS

Approximately 30 active and semi-active

CO-CHAIRS

David Kaslow (david.kaslow@gmail.com)

Alejandro Levi (alejandro.g.levi@ieee.org)

INCOSE CONNECT ADDRESS



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

INCOSE WEB PAGE



<http://www.incose.org/ChaptersGroups/WorkingGroups/government/space-systems>

Charter Summary



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WG PURPOSE/MISSION

To expand the body of knowledge of systems engineering as it is applied to space systems

WG GOAL(S)

To increase the quality and scope of the technical and professional information available to its members and to enhance the interchange of that information between its members

WG SCOPE

The application of systems engineering to space systems in government, industry, and academia

IW Outcomes



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IW Outcomes

The SSWG meeting on Sunday morning:

Presented overview of current activity - CubeSat System Reference Model (CSRM)
The CSRM is being submitted to OMG as a specification in response to their RFP

Solicit ideas for follow-on activities / outreach

Several ideas were discussed. Others are expected via email. A kickoff report will be generated.

Planned Work past IW



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PLANNED ACTIVITIES

CubeSat System Reference Model

PLANNED WORK PRODUCTS

Recent papers:

2018 IEEE Aerospace Conf - MBSE Approach for Technical Measurement with Application to a CubeSat

2018 AIAA Space Forum - Developing a CubeSat MBSE Reference Model - Interim Status #4

2017 IEEE Aerospace Conf - MBSE) Approach for Defining the Behaviors of CubeSats

Application and evaluation by several university teams