



2021
Annual **INCOSE**
international workshop
Virtual Event
January 29 - 31, 2021

Space Systems

www.incose.org/IW2021

CO-CHAIRS

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INCOSE WEB PAGE



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

INCOSE CONNECT ADDRESS

Charter Summary



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WG PURPOSE/MISSION

The purpose of the Space Systems Working Group (SSWG) is to expand the body of knowledge of systems engineering as it is applied to space systems. Specifically, the purpose of the SSWG is to:

- Promote the use of systems engineering principles, techniques, and practices in government, academic, and private industry organizations which are identified with space applications
- Provide a forum in the professional networking of INCOSE that is pertinent to professionals in the space systems community
- Support the INCOSE Model Based System Engineering (MBSE) Initiative by developing an MBSE Systems Modeling Language (SysML) Reference Model of a CubeSat

WG GOAL(S)

An overarching goal for the SSWG is 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.

A specific goal for the SSWG is to develop a CubeSat Reference Model that is distributed to and adapted by CubeSat projects and that covers an entire CubeSat project life cycle from concept to retirement.

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WG SCOPE

The SSWG will address the application of systems engineering to space systems in government, industry, and academia.

OUTCOMES (PRODUCTS/SERVICES)

The overarching service to be provided by the SSWG will be to support the dissemination of information between its members. The tempo and topics of contribution will be determined by the level of participation by the community and availability of contributed content.

A specific product provided by the SSWG will be the MBSE SysML CubeSat System Reference Model

IW Outcomes



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IW OUTCOMES

Saturday afternoon presentation on our CubeSat System Reference Model

PLANNED ACTIVITIES AFTER IW

Continue work of CubeSat System Reference Model including exploring Mission Engineering

PLANNED WORK PRODUCTS AFTER IW

Continue work of CubeSat System Reference Model including exploring Mission Engineering