



2023

Annual **INCOSE**
international workshop

HYBRID EVENT

Torrance, CA, USA

January 28 - 31, 2023

Heidi Davidz, Randall Satterthwaite, Barclay Brown
Saturday, 28 January, 16:10-16:30 PST, Salon E / Online

INCOSE SE Online Lab

Agenda



Overview

Status

Support

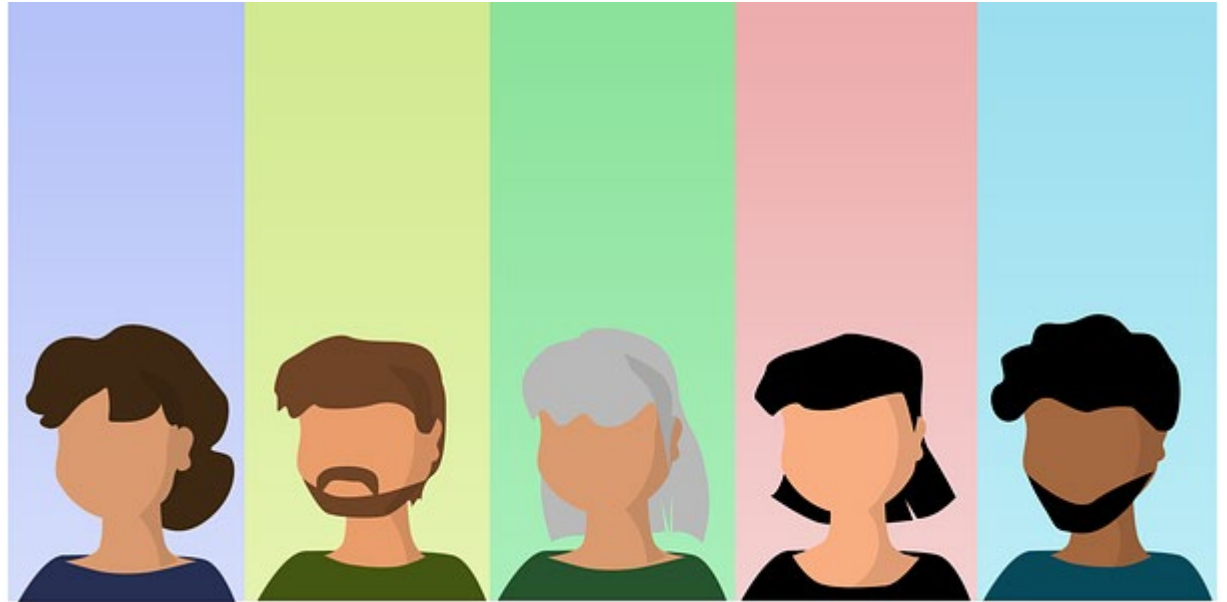
Vision

- INCOSE Systems Engineering Lab (SE Lab for short)
- Computing environment (or set of environments) where INCOSE members can use **real, full versions** of systems engineering tools for non-commercial INCOSE purposes, for learning, and for INCOSE projects, at no cost to the member or to INCOSE
- Tool Providers participate to gain exposure for their products, and for modest promotional consideration and acknowledgement for their contribution of product availability
- Products in the SE Lab may be used in combination, such as a requirements management tool from one Tool Provider in combination with a SysML modeling tool from another, as enabled by integrations provided by the Tool Providers, or by a third-party integration provider.



SE Lab Organizational Structure

- SE Lab will be managed by the SE Lab Team, which performs overall leadership and coordination, and also includes the SE Lab Tool Provider **Representatives (Reps)**
- Reps are INCOSE members who are familiar with a Tool Provider's products, and who coordinate with the Tool Provider to make the tools available in the SE Lab
- SE Lab team reports to the INCOSE Board of Directors through the CIO



SE Lab Reps

- Reps can be any INCOSE member who **does not work for the Tool Provider** or have a financial interest, including family ties, with the Tool Provider
- Rep duties include:
 - Arrange access to the Tool Provider's products for INCOSE members including the process for requesting, accounts, verifying membership in INCOSE, downloading the product (if necessary)
 - Manage the requests from INCOSE members for access to the Tool Provider's products, and a list of current users of the products, which may be automated by the Tool Provider or by INCOSE
 - Attend SE Lab regular meetings as possible and maintain contact with the team via INCOSE online systems

Tool Providers

- **Any Tool Provider** may participate
- No **evaluation** performed of the suitability or quality of any Tool Provider's products
- Must provide licenses that are not time-limited, or functionality-limited—they must be full licenses
- May require that licenses must be renewed periodically and if this is included, must manage the renewal process.

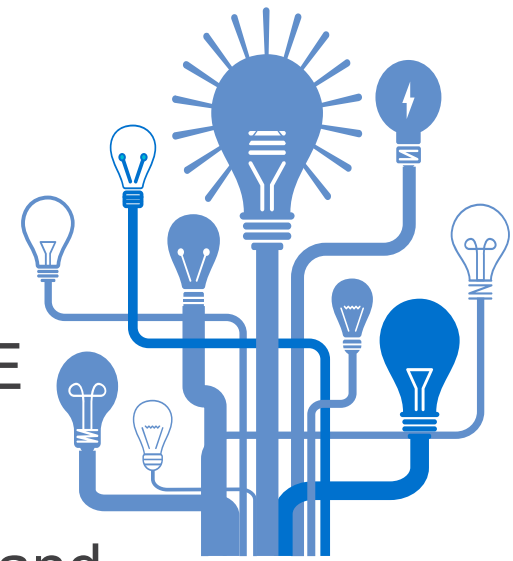
Licenses must be able to be renewed indefinitely by an INCOSE member. Licenses should be for the latest version of each product, but Tool Providers may also offer additional older versions as options. Vendors can withdraw from the SE Lab program with 90 days-notice to INCOSE to allow for transition of work to other solutions.

- Must provide both **licenses** to their software, and also a **means of accessing** the software:
 1. Access to **downloading** the software for installation on a user's computer
 2. Access to software online, running in a **cloud infrastructure**
- For online or server-based products, Tool Providers may provide an online environment of their own or may partner with a cloud service provider who provides the cloud hosting environment for the products, at no cost to INCOSE



INCOSE Member Access

- INCOSE members will access the SE Lab using the INCOSE SE Lab home page (www.incose.org/selab, **not yet implemented**)
- From there, they will choose the products they are interested in and will be instructed how to request licenses
- Initially, the process may vary by Tool Provider, especially if the Tool Provider already has a sign-up process for licenses of this type



Status

- Team formed, vision communicated to Board of Directors, overview developed
- Initial interest generated (Capella, Clear Object, Dassault, IBM, IncQuery Labs, SPEC Innovations, Zuken), approaching more tool vendors
- Dassault environment being used for INCOSE Services Integration Model and SE Vision 2035 Model

Support

- If you are interested in joining the team or participating as a tool vendor, let us know!

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