



33rd Annual **INCOSE**
international symposium

hybrid event

Honolulu, HI, USA
July 15 - 20, 2023



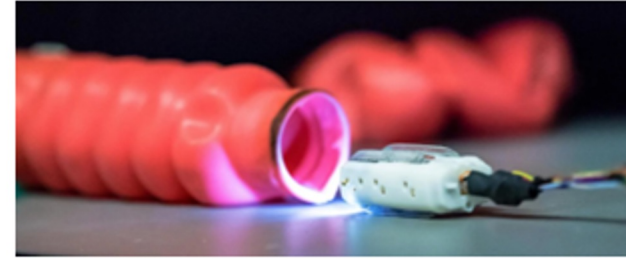
Allison Lyle, OCSMP; Casey Medina, CSEP, OCSMP

Explore the Lighter Side of MBSE

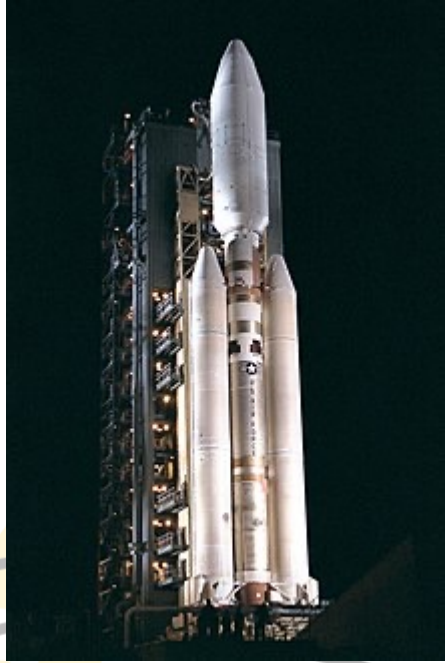
Allison Lyle



Mechanical Engineering
University of Colorado Boulder



Casey Medina



Digital Engineering

Digital Twin

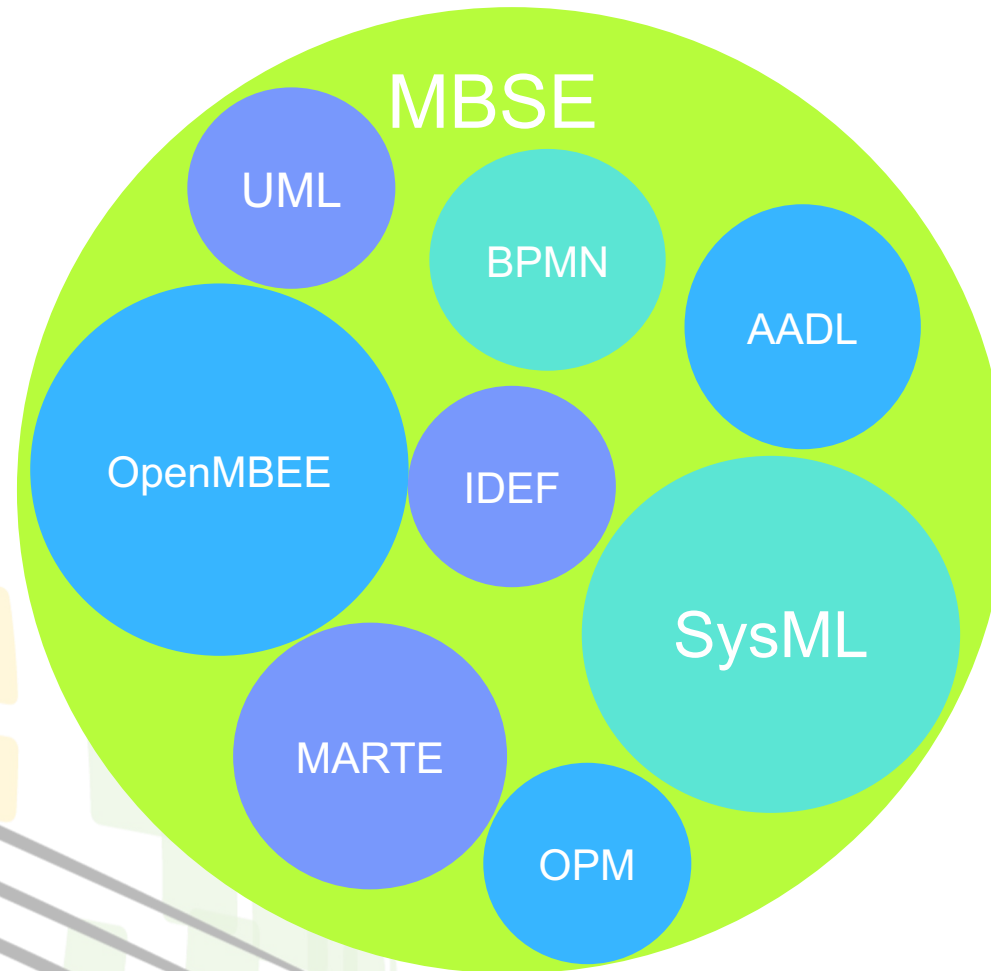
Digital Ecosystem

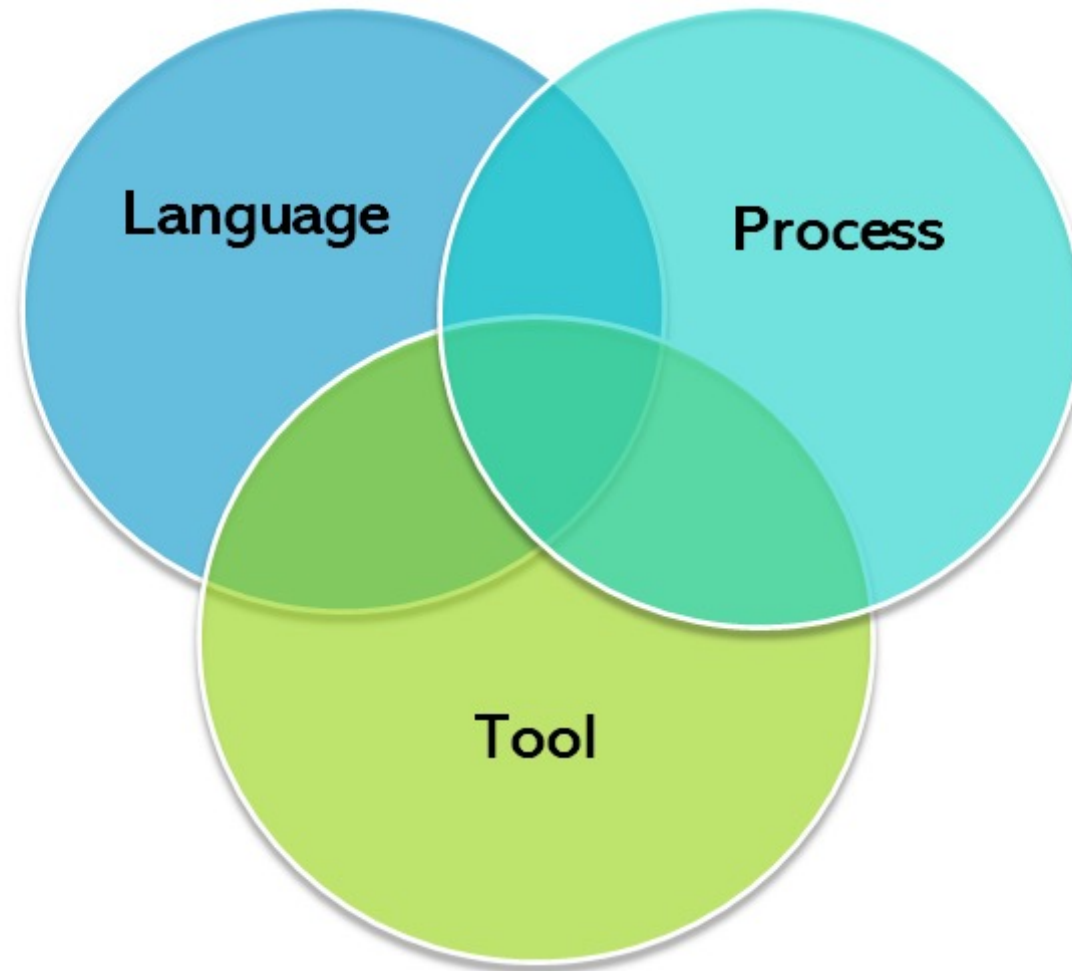
Digital Transformation

Digital Engineering Toolchain

Are These the Same?

MBSE $\neq$ SysML







What is a Model?

Model: A pattern of something to be made

Merriam-Webster



What Now?

- Identify a system of interest
- Identify the system's boundary
- Identify system behaviors
- Identify requirements
- Define the system's structure
- Create traceability map

Tips and Tricks

- Approach MBSE with common vernacular. Use your organization's terminology.
- Approach MBSE as an enabler for essential processes.
- Make sure your team (and you!!!) know why you're creating models.
- Make your models the focus of your effort, not documentation.
- Modeling should be fun, it's up to us to make it fun for our teams!!!



Let's Model!!!



<https://www.waste360.com/c-and-d/how-oahu-landfill-helps-keep-hawaii-self-sufficient>

15-20 July - 2023

www.incose.org/symp2023 #INCLOSEIS



33rd Annual **INCOSE**
international symposium

hybrid event

Honolulu, HI, USA
July 15 - 20, 2023

www.incose.org/symp2023
#INCOSEIS

Questions?