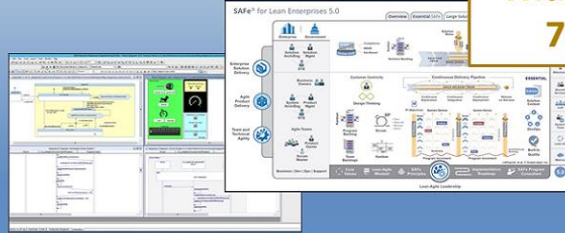


MBSE With Scaled Agile Framework (SAFe) for Systems Engineers & Architects

A FREE Virtual Event
REGISTER On-Line

Thursday March 25, 2021
7:00 - 8:30 P.M. EDT



321 Gang



Peter Luckey
Senior Solutions
Consultant



Contributing and Guest INCOSE Chapters



Presentation: It is only within the last five years that the Scaled Agile Framework (SAFe) has accommodated cyber-physical systems engineering. This presentation focuses on how Model Based System Engineering (MBSE) can be effectively used in an 'agile at scale' Framework. Aligned with some of the DoD's Digital Engineering Strategy objectives, we introduce a particular way to use MBSE in the context of SAFe. We want to iteratively build a model of the system in order to compose Requirements Specifications and identify the Features to be built in successive (often quarterly) Program Increments (PIs). Models are built in a set of workshops prior to, and during, each PI. These workshops are face-to-face meetings, primarily for Architects and Systems Engineers, that create a shared understanding of system intent and behavior that can be shared across customers, users, domain experts, product owners and engineering teams- and ideally each of these groups have representation in the workshops. Models record system structure, behavior, and information decisions in SysML using a Model-Based Systems Engineering (MBSE) approach. These models help align the team on a common understanding of, and approach to, building the solution- while discovering and driving work in the agile backlog.

Peter Luckey is a Senior Solutions Consultant at 321 Gang, is a Certified Scrum Master and a Certified SAFe Program Consultant (SPC). He received his master's degree in computer science from Purdue University. Peter began his professional career in IBM's Federal Systems Division as a programmer and then became the manager of IBM's Rational Software Development Environment. Concurrently, Peter worked as an Adjunct Associate Professor at the State University of New York Binghamton teaching software engineering and publishing a number of papers on the subject. Since joining Rational, Peter has been involved in selling and supporting Rational, now IBM, tools and the processes supported by these tools. These processes include topics such as Agile, MBSE, and SAFe. Recently, Peter has also become Certified relative to Polarion/ALM.

Welcome and Announcements 7:00pm EDT

- Dean Norfleet, *President, Michigan Chapter*
- David Long, *President, Wright Brothers Chapter*
- Mike Meakin, *President, Canada Chapter*
- Dan Menoher, *President, Three Rivers Chapter*
- Jack Stein, *Asst. Director, INCOSE Americas Sector*

Feature Presentation 7:20pm EDT

Q&A 8:00pm EDT

Adjourn 8:20pm EDT

Click Here: **REGISTER** or visit www.incose.org/Michigan