

INCOSE Chicagoland November Meeting



Locations:

Topic: *Use Case Modeling in SysML*

Presenter: **Lenny Delligatti, M.S., CSEP, OCSMP, OCUP**

Date: Thursday, November 19, 2015

Agenda: 6:00-6:30 p.m. CT – Dinner (\$5 Member / \$8 Nonmember) & Networking
6:30-6:45 p.m. CT – Introductions & Announcements
6:45-8:00 p.m. CT – Presentation and Q&A

1. **Schaumburg, IL** – IBM, 10 N. Martingale Dr., Schaumburg, IL 60173 (3rd Floor Conference Room)
2. **Lake Forest, IL** – Pfizer (formerly Hospira), 375 N. Field Drive, Building H3, Lake Forest, IL 60045 (R&D Innovation Conf Rm)
3. **Madison, WI** – bb7, 5407 Fen Oak Ct., Madison, WI 53718 (Mendota Conference Room)

Abstract

A use case model is an important system design artifact—one that is often undervalued and inconsistently created. A good use case model forms a strong foundation for the activities that follow in the system architectural design process: Behavioral decomposition, structural decomposition, interfaces, data modeling, test case design, and parametric modeling. But how do you know if the use case model that you create is a good one? This presentation begins with a discussion on use case modeling methodology, with heuristics for discovering and refining good use cases. The second half of this presentation provides instruction on use case modeling in SysML with MagicDraw®, with lesson content and assessment questions drawn from the Delligatti Associates OCSMP Accelerator™ SysML Training Course.

About Our Speaker

Lenny Delligatti is the founder of Delligatti Associates, LLC, a model-based systems engineering (MBSE) training and consulting company. He earned his M.S. degree in Systems Engineering from the University of Denver and his B.S. degree in Electrical and Computer Engineering from Carnegie Mellon University. He holds the *OMG Certified Systems Modeling Professional (OCSMP) Model Builder: Advanced* certification. He previously served as the MBSE lead for NASA's Mission Control Center: 21st Century (MCC-21) project at Johnson Space Center in Houston, Texas. Lenny is the author of the book *SysML Distilled: A Brief Guide to the Systems Modeling Language*.

Questions?: For more information, go to <http://www.incose.org/Chicagoland/>.