

# INCOSE Chicagoland October Meeting



Topic: *Business Case for MBSE with SysML:  
Metrics from a Case Study*

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

Date: Thursday, October 16, 2014

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

Locations:

1. **Schaumburg, IL** – IBM, 10 N. Martingale Dr., Schaumburg, IL 60173 (3<sup>rd</sup> Floor Conference Room)
2. **Lake Forest, IL** – Hospira, 375 N. Field Drive, Building H3, Lake Forest, IL 60045 (1st Floor R&D Innovation Conf Rm)
3. **Milwaukee, WI** – Astronautics, 4115 N. Teutonia Ave., Milwaukee, WI 53209 (Board Room)
4. **Madison, WI** – Bjorksten | bit 7, 5407 Fen Oak Ct., Madison, WI 53718 (Mendota Conference Room)

Abstract

Affordability is driving change in organizations and the systems they deliver. The traditional document-based approach to systems engineering is expensive; a significant percentage of life cycle cost is incurred in the maintenance of a disjoint set of engineering artifacts that are the outputs of life cycle activities. Model-Based Systems Engineering (MBSE) is an alternative approach that can solve these problems. Metrics from an aerospace industry case study provide evidence of the return-on-investment that MBSE offers.

About Our Speaker

**Lenny Delligatti** is the founder of Delligatti Associates, LLC, a model-based engineering (MBE) consulting company. He earned his M.S. degree in Computer Science Systems Engineering from the University of Denver, and 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 currently serves as the Education and Outreach Director for the Texas Gulf Coast Chapter (TGCC) of INCOSE. Lenny has earned a and a B.S. in Electrical and Computer Engineering from Carnegie Mellon University.

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