

# INCOSE Chicagoland February 2015 Meeting



Topic: *Pattern-Based Systems Engineering*  
Presenter: William D. (Bill) Schindel,  
President, ICTT System Sciences

**Date:** Thursday, February 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

## 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 (Engineering Conference Room 1)
4. **Madison, WI** – Bjorksten | bit 7, 5407 Fen Oak Ct., Madison, WI 53718 (Mendota Conference Room)

## Abstract

This program is a brief overview of Pattern-Based Systems Engineering (PBSE), including some specific system domain illustrations. The major aspects of PBSE have been defined and practiced some years across a number of enterprises and domains, but with only limited INCOSE community awareness, through IS tutorials, and most recently the start-up of the PBSE-related working group and project activities. The (one year old) PBSE Challenge Team of the INCOSE/OMG MBSE Initiative aims to enable INCOSE membership, and the larger systems community beyond INCOSE, to achieve such order-of-magnitude improvements. The (to be announced at IW2015) Agile Systems Engineering Life Cycle Model Project aims to foster discovery and understanding of the life cycle processes of Agile Systems Engineering, whose model includes the accumulation and application of learned system models (patterns).

## About Our Speaker

**William D. (Bill) Schindel** is co-chair of the System Patterns Challenge Team, part of the MBSE Initiative of the International Council on Systems Engineering (INCOSE), and co-lead of the INCOSE Agile Systems Engineering Life Cycle Model Project, to be announced at IW2015. His forty-year engineering career has included aerospace engineering with IBM Federal Systems, teaching engineering and mathematics at Rose-Hulman Institute of Technology, founding and leading a supplier of telecom carrier network control systems for the public network, and leading ICTT System Sciences, a systems engineering enterprise that has pioneered Pattern-Based Systems Engineering methods for transforming the productivity of the innovation process in medicine and health care, advanced manufacturing, aerospace, automotive, and consumer products.

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