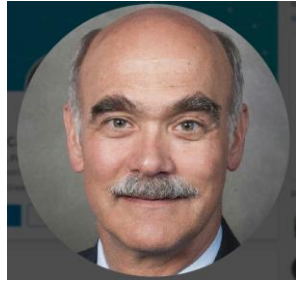




Chicagoland Chapter Meeting – Feb. 2018



Topic: **How to Model in MBSE**

Presenter: **Ron Carson, PhD, ESEP, INCOSE Fellow**
Adjunct Professor of Engineering at Seattle Pacific University

Date: **Thursday, February 15, 2018**

Agenda: **6:00-6:30 p.m. CT – Dinner & Networking**
6:30-6:45 p.m. CT – Introductions & Announcements
6:45-8:00 p.m. CT – Presentation and Q&A

Abstract

Model-based systems engineering (MBSE) presumes an ability to model the system being characterized. Skills in modeling a system is one of the four necessary skill sets for SE modeling:

- 1) SE knowledge and experience,
- 2) Product domain knowledge,
- 3) Tool user skills, and
- 4) Modeling skills (see Sheeley, Carson, et al., INCOSE 2014).

This presentation reviews some basic modeling skills for systems engineers and how to apply them to modeling systems from different viewpoints.

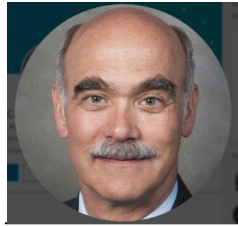
About Our Speaker

Dr. Ron Carson is an Adjunct Professor of Engineering at Seattle Pacific University, an Affiliate Assistant Professor in Industrial and Systems Engineering at the University of Washington, a Fellow of the International Council on Systems Engineering and a certified Expert Systems Engineering Professional (ESEP®). He retired in 2015 as a Technical Fellow in Systems Engineering after 27 years at The Boeing Company. He is the author of numerous articles regarding requirements analysis and systems engineering measurement, and is the developer of numerous systems engineering training courses. He has been issued six US patents in satellite communications, and two patents regarding “Structured Requirements Generation and Assessment”. His current interests are in quantitatively incorporating sustainability considerations in systems engineering methodologies and education. Dr. Carson has a PhD from the University of Washington in Nuclear Engineering (Experimental Plasma Physics), and a BS from the California Institute of Technology in Applied Physics.

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



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Presentation Site: Virtual Location, Online

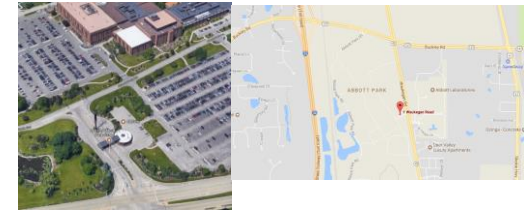
Attend / Network at a Physical Site, or attend at a Virtual Site



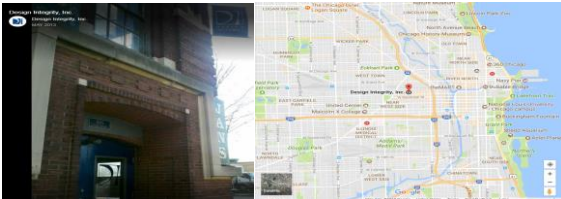
IBM, 10 N. Martindale
Schaumburg, IL 60173
3rd Floor Conference Room



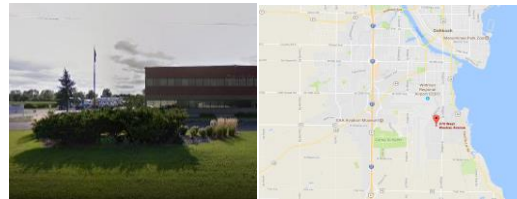
BB7, 5407 Fen Oak Dr.
Madison, WI 53718
Mendota Conference Room



AbbVie Inc. (**Limited to AbbVie Employees**)
1 North Waukegan Road, Building AP31
North Chicago, IL 60064



Design Integrity
1155 W. Fulton Market
Chicago, IL 60607



Oshkosh Corp (**Limited to Oshkosh Employees**)
370 W. Waukau Ave
Oshkosh, WI 54902

Attend Live, Online:
Meeting begins at 6:30 PM
<https://incose.pgimeet.com/GlobalmeetTwelve>
Access Number: [1-719-457-1414](tel:1-719-457-1414)
Guest Passcode: [944 440 9838](tel:944-440-9838)

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