INCOSE Chicagoland January Meeting

Topic: ***Best Practices in Collaborative Model Based Systems Engineering***

Presenter: **Irv Badr, IBM Analytics and Internet of Things**

Date: Thursday, January 21, 2016

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 Martindale, Schaumburg, IL 60173 (3rd 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. **Madison, WI –** Bjorksten | bit 7, 5407 Fen Oak Ct., Madison, WI 53718 (Mendota Conference Room)

Abstract

Collaboration across engineering, management, and IT teams is vital for efficient product development and delivery. Model-driven approaches such as MBSE, prove extremely useful in requirements analysis, system architecture, and software development. However, the evolving model frequently drifts into the technical domain, isolating other stakeholders, and to some extent, product testing teams, from the rest of the engineering organization. A new generation of collaborative practices, such as IBM's Continuous Engineering, proves highly effective in closing the collaborative gap and make MBSE relevant at both business and testing disciplines.

About Our Speaker

Irv Badr has years of industry experience in developing system and software architecture. He works at IBM's Analytics and Internet of Things division, as industry architect, focusing on application of systems engineering best practices for multiple industries, including, including, Energy, Telecommunications, Medical Devices, Automotive Systems, Aerospace, and Industrial Robotics. He co-chairs and co-authored multiple architectural standards, including, MARTE, and TelcoML. Irv was also a contributor to SoaML, SysML, AUTOSAR phase 2, and 3GPP LTE standards. He has written over fifty papers on Lifecycle Management, DevOps and process engineering with focus on model-driven architecture. He received his Bachelors in Engineering and Biology from the University of Illinois, Chicago; and Masters in Engineering Management from Northwestern University. Irv is also appointed as Professor of Software Engineering and Computer Science at DePaul University.

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