



Topic: Requirements Analysis & Design: Creating Synergy Between the “What” and “How”

Presenter: Raymond Jorgensen, GE Aviation

Date: Thursday, September 17, 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, 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)**

Abstract

An examination of the complementary relationship between “requirements” and “design”, and how architecture and design may influence how product requirements are written and managed. Explore the relationship between functional requirements and logical architecture (functions), and physical requirements and the physical architecture, and how architecture affects how requirements are structured. Where does the outline of your requirements document really originate from? What role does the logical architecture play in structuring your document? How does the context of a function affect how your requirements are written?

About Our Speaker

Mr. Raymond W. Jorgensen serves as a process leader at GE Aviation, advocating system engineering excellence and continued improvements in process, practices, tools, and training. Ray has been an active member in INCOSE for 19 years, serving regularly on working groups, chapter leadership, chapter & member services, and international training. Ray has twice served as INCOSE Heartland Chapter President, has held numerous other roles in the local chapter as well as serving with the MBSE Initiative, Knowledge Management Working Group, and various other leadership roles on INCOSE working groups. Ray most recently served as the Sector Director of the Americas (2012), providing oversight of INCOSE chapter and member services for North and South America. Ray has a BSEE from Michigan Technological University, a Masters of Systems Engineering from Iowa State University, and completed studies in Systems Engineering at Stevens Institute of Technology. He is also an INCOSE Certified Systems Engineering Professional (CSEP).

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