

# INCOSE Chicagoland August 2017 Meeting



**Topic: Decision Analysis and Insight**  
*a method for getting consensus and moving on*

**Presenter: Jim Streed, Motorola Solutions**

Date: Thursday, August 17, 2017

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

- Locations:
1. **Schaumburg, IL** – IBM, 10 N Martindale, Schaumburg, IL 60173 (3<sup>rd</sup> floor conference room)
  2. **Madison, WI** – bb7, 5407 Fen Oak Ct., Madison, WI 53718 (Mendota Conference Room)
  3. **Glendale, WI** – Johnson Controls, 5757 N. Green Bay Avenue, Glendale, WI 53209 (MPR Conference Room)

## **Abstract**

Engineers make decisions – lots of decisions. We have a spectrum of tools to help analyze and document decisions, from listing pros and cons to full-blown trade studies. But decisions that require consensus – a meeting of the minds – can be troublesome. Driving to a consensus decision frequently results in a lot of talking, dominance by strong personalities, little shared understanding of the reasoning behind the decision, and no decision accountability. A structured decision tool developed by operations researcher Thomas L. Saaty in the 1970s is excellent for converging to consensus decisions. The Analytic Hierarchy Process (AHP) guides participants through the important discussions necessary to reach a consensus decision. With the accompanying web browser-based tool, the AHP can easily integrate into any decision-making meeting.

## **About Our Speaker**

Jim Streed has 30 years of experience developing mission critical communications systems for first responders at Motorola and Motorola Solutions. After stints in hardware design and digital signal processing software, he has spent the last 20 years in systems design. Jim uses modeling and simulation, data science, and other Design for Six Sigma tools and techniques to identify high quality, customer-centric, cost-effective design decisions. Being an INCOSE member, he is also valued at Motorola Solutions as a systems engineering process pragmatist.

Jim earned a BS in Electrical Engineering from University of Illinois and a MS in Electrical Engineering from Illinois Institute of Technology. He is also certified as a Design for Six Sigma Black Belt.

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