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# INCOSE Chicagoland Chapter Spring 2017 Seminar

April 29 - Schaumburg, IL  
8:30 a.m. – 4:00 p.m.

## Inserting Systems Engineering into a Resistant Organization

### Agenda:

- 08:00-08:30 Check-in and Continental Breakfast
- 08:30-10:00 Session 1: Systems Engineering & Its Importance
- 10:00-10:15 Break
- 10:15-11:45 Session 2: Defining Your Systems Engineering Objectives
- 11:45-12:45 Lunch Break
- 12:45-14:15 Session 3: Key Soft Skills Necessary for Insertion
- 14:15-14:30 Break
- 14:30-16:00 Session 4: Systems Engineering Deployment Plan & Course Wrap-Up

Discounted  
registration rates  
are available  
through April 15!

### Seminar Instructor David Walden, ESEP

Lead Editor, INCOSE Systems Engineering Handbook  
Co-Owner and Principal Consultant, Synovation, LLC



Advance registration required. This seminar is limited to the first 30 people to register. Don't delay!

### Register Online:

<https://incose2017springseminar.eventbrite.com>



### Location: IBM Office

10 N. Martingale Rd., 3<sup>rd</sup> Floor  
Schaumburg, IL 60173

# INCOSE Chicagoland Chapter Seminar

## Inserting Systems Engineering into a Resistant Organization

You diligently attended all the excellent INCOSE local chapter meetings over the past year. You made it to last year's INCOSE International Symposium and started participating in an INCOSE working group. You are even contemplating getting your ASEP or CSEP certification. You are ready to insert some of the great Systems Engineering things you have learned into your organization. However, you soon discover that getting your organization to adopt Systems Engineering may be more difficult than you anticipated. Your senior staff does not recognize the systems issues your company is facing, management senses a loss of control and/or power, and your peers are so buried in work they are not too keen on changing anything until things settle down.

The objective of this one-day seminar is to provide guidance to practitioners and change agents on effectively and efficiently inserting Systems Engineering into an organization resistance to change. Systems Engineering is increasingly used to plan, manage, and realize complex systems within the context of demanding business constraints. However, many organizations, especially those new to the discipline, resist its deployment.

Participants are introduced to key concepts and principles to help them insert Systems Engineering into their organizations, answering questions such as:

- What is Systems Engineering and why is it important?
- Why is Systems Engineering relevant to you and your organization?
- What are the key factors that foster resistance to Systems Engineering?
- What are some key things that can make a difference at your organization?
- What are some of the soft skills that can be used?
- What are the key aspects of an effective deployment plan?
- How do we know if our Systems Engineering deployment is working?

Practical information and tools will be provided. The seminar includes several in-class exercises to solidify the concepts being presented. The seminar follows the terminology and conventions of the INCOSE Systems Engineering Handbook, ISO/IEC/IEEE 15288, and the Guide to the Systems Engineering Body of Knowledge (SEBoK). Each student will receive a complete set of lecture notes and an annotated bibliography.



**David  
Walden,  
ESEP**

David D. Walden, ESEP, is co-owner and principal consultant for Sysnovation, LLC, a company he formed in 2006. Sysnovation, based out of Shakopee, Minnesota, USA, is focused on Systems Engineering consulting and education/training. At Sysnovation, Mr. Walden has assisted numerous clients with improving their Systems Engineering effectiveness. He has served as a coach/mentor, an independent reviewer, major review (e.g., PDR, CDR) coordinator, Systems Engineering Subject Matter Expert (SME), and process consultant. He has created and taught numerous Systems Engineering courses and seminars, including an online variant of a Systems Engineering Principles course. Previously, Mr. Walden was with General Dynamics Advanced Information Systems for 13 years and worked at McDonnell Aircraft Company for 10 years. Mr. Walden has served as an editor of the INCOSE Systems Engineering Handbook since Version 3.2 and was the Lead Editor of the Fourth Edition. He is an INCOSE liaison to ISO/IEC JTC1/SC7 Working Groups 10 and 20. He was the Program Manager of the INCOSE Certification Program from 2007-2013. He has an M.S. in Management of Technology (MOT) from the University of Minnesota, an M.S. in Electrical Engineering and an M.S. in Computer Science from Washington University in St. Louis, and a B.S. in Electrical Engineering from Valparaiso University in Indiana. Mr. Walden was one of the first to earn the INCOSE Certified Systems Engineering Professional (CSEP) credential in 2004 and was awarded the INCOSE Expert Systems Engineering Professional (ESEP) credential in 2011.

## What is INCOSE?

The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization founded to develop and disseminate the interdisciplinary principles and practices that enable the realization of successful systems. INCOSE's Mission is to share, promote and advance the best of systems engineering from across the globe for the benefit of humanity and the planet.

