



CHICAGOLAND

2019 Fall Seminar



Systems Engineering within an Agile Development Environment

Systems Engineering methods help us produce complex systems. Agile methods help us produce them faster and better.

In this Seminar, we will explore best practices for implementing Systems Engineering with an Agile development environment.

In this Seminar, we will explore principles of Systems Engineering from INCOSE and ISO 15288 System Life Cycle Processes, and the principles of Agile scaling methods such as those defined in the Scaled Agile Framework (SAFe®).

Date: September 28, 2019, 8:30 AM to 4:30 PM

Location: IBM offices in Schaumburg, IL

Register online at:

<https://incose2019fallseminar.eventbrite.com>

Seminar Topics will include:

- Lean and Agile Principles Applied to Systems Development
- Barriers and Benefits to Adopting Agile
- Architecture of Agile Teams, and the roles of Systems Engineering
- Agile Principles Applied to Systems Development
- The Definition of Done
- Defining Systems
- Delivering Systems
- Verifying and Validating Systems
- Tailoring Agile Software Practices for Hardware and Systems

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.

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



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Attendees can earn 7 PDUs for the seminar; Certificates of Completion will be provided.

Presentation Materials, continental breakfast, lunch, and refreshments are included in the Registration Fee.

Previous seminars have sold out! Don't delay, register today!

Seminar pricing starts at \$125.

OFFER: As part of the INCOSE Chicagoland Chapter membership drive, purchase a one year INCOSE membership and receive discounted Seminar admission.

Seminar location:
IBM, 10 N. Martingale Rd.
Schaumburg, IL 60173
3rd Floor Conference Room



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Our Instructor

Kelly Weyrauch is the owner of Agile Quality Systems LLC, a consultancy working with software and systems creators to apply Agile Software Development concepts and Quality Management System principles to the unique context of their development environment. He has more than 30 years of software and systems development experience. As a leader of the Agile movement at Medtronic and now as a consultant working with many organizations, he has worked with project teams to evolve Agile Principles and Practices in the context of a robust Quality System. As a frequent instructor for courses in Quality Management Systems and Agile Software Development, he has taught concepts in ways that adult learners can apply to their real-world experiences. Kelly has a BS degree in Mechanical Engineering from the University of Minnesota, and a MS degree in Software Design and Development from the University of St. Thomas (Minnesota).



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