

CHICAGOLAND

Chapter Meeting – June 16, 2022





<u>Topic</u>: Guide to the Systems Engineering Body of Knowledge (SEBoK)

<u>Presenter:</u> Rob Cloutier, SEBoK Editor in Chief Presentation Sites: Onsite: Actalent, bb7, Oshkosh Corp and Online

Date: Thursday, June 16, 2022

Agenda: 6:30 - 7:00 PM CT – Announcements & Introductions

7:00 - 8:15 PM CT - Feature Presentation and Q&A

Abstract

The **Systems Engineering Body of Knowledge** (**SEBoK**), formally known as *Guide to the Systems Engineering Body of Knowledge*, is a wiki-based collection of key knowledge sources and references for system engineering. The site served up over 1M pageviews in 2021.

Celebrating its 10th year, the SEBoK provides a guide to the key knowledge sources and references of systems engineering organized and explained to assist a wide variety of individuals. It is a curated wiki, rolling out an update version twice a year. The SEBoK is a not compendium but instead references existing literature and much of the content has restricted intellectual property rights. The volunteer editors continuously solicit input from the SE community to keep it relevant.

The core of the SEBoK is tested and proven knowledge that has been developed through practice, documented, reviewed, and discussed by the SE community. In addition, the SEBoK also covers some of the emerging aspects of SE practice, such as Systems of Systems, Agile Life Cycle approaches and Model Based Systems Engineering (MBSE).

About Our Speaker

Dr. Rob Cloutier is a professor, Systems Engineering Program Chair (MS & Ph.D. programs), and Graduate Director for the College of Engineering at the University of South Alabama (USA). Dr. Cloutier is also the Editor-in-Chief for the Systems Engineering Body of Knowledge. His interests include systems architecting, model-based systems engineering, impacts of AI on Systems Architecting, and the Metaverse for engineering. Past experience includes Stevens Institute of Technology, Lockheed Martin and The Boeing Company (where he was an Associate Technical Fellow). Professional roles included system architect, enterprise architect, and principal systems engineer. Dr. Cloutier served eight years in the U.S. Navy & Navy Reserve. He received his BS from the US Naval Academy, his MBA from Eastern University, and his Ph.D. from Stevens Institute of Technology.

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



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INCOSE Chicagoland Sites



Actalent 1501 E. Woodfield Rd. Suite 300N Schaumburg, IL 60173 3rd Floor Conference Room



Oshkosh Corp (Limited to Oshkosh Employees) 370 W. Waukau Ave Oshkosh, WI 54902



bb7 5407 Fen Oak Dr. Madison, WI 53718 Mendota Conference Room

Attend live in-person or online.

Meeting begins at 6:30 PM CT.

RSVP & more information: https://incosechicagoland-2022-06.eventbrite.com