Finger Lakes Chapter of INTERNATIONAL COUNCIL ON SYSTEMS ENGINEERING
March 2024 Chapter Meeting

➢ **Mini Presentation: AI Systems Working Group (AISWG)**
  o Presented by **Barclay R. Brown, Ph.D., ESEP, Chairperson.**

➢ **AISWG Activity Focus:**
  the mini presentation will focus on the AI Systems Working Group and their current and planned activities, including the AI Explorer series, conference sessions, joint production of conferences, and research projects.

➢ **FuSE Agility as a Foundation for Sound MBSE Lifecycle Management**
  o Presented by **Matthew Hause**
  o Authors: Papke B., Hause M., and Hetherington D., 2023,
  o Published in the June 2023 issue of the INCOSE Insight magazine.
  o **FuSE is an INCOSE imitative standing for: "Future of Systems Engineering."**

Abstract:

Over the past several years, numerous industries have increased their adoption of SysML and MBSE as a core practice within their engineering lifecycles. However, the introduction of SysML and MBSE methodologies has not yet yielded many of the originally envisioned benefits. System models are becoming larger and more complex and many large MBSE projects continue to experience problems with model integration, repository performance and model lifecycle management. The root cause is the failure to recognize the MBSE digital environment as a complex engineering information processing system that requires the same rigor and development processes as the system-of-interest (SOI) it is designing. This article describes how three FuSE Agility Foundation Concepts (System of Innovation; Effective Stakeholder Engagement and Continuous Integration) directly address some of the problems seen in adoption, deployment, and sustainment of the MBSE digital environment as an SOI.

This meeting will be on Thursday, Mar 21, 6 – 7:30 pm (eastern).
Attendees can attend via zoom or, **if a US Person**, in-person at L3Harris Technologies Rochester, NY (1680 University Avenue, Rochester NY, 14610).

Attendees need to pre-register. To register, send an email to Susan.Urban@incose.net and state whether you will attend via zoom or in-person.
The zoom link will be sent out a few days before the meeting.
For in-person attendees (L3Harris, Rochester, NY):
Further instructions will be sent out before the meeting.

Those attending in-person must register by noon,
the previous day of the meeting or closely thereafter.
There is no cost to attend the meeting.
Please note, to attend in person you must be a US Person or US Citizen.