10th Annual Systems Engineering in Healthcare Conference

April 29-May 1, Minneapolis, MN

The "Fundamentals" Track

Each year, the Systems Engineering in Healthcare Conference delivers exciting content reflecting the state-of-the-practice and state-of-the-art in systems engineering. The conference committee has received feedback that the talks are excellent, but content targeting people earlier in their career is missing. This year we are introducing a Fundamentals Track targeted for participants who are:

- *New to systems engineering and building their foundation*
- *New to INCOSE and wanting to understand its terminology and framing for SE*
- *Experienced practitioners looking for a refresher on the fundamentals*

The Fundamentals Track is particularly focused on key systems engineering concepts tailored to MedTech targeting participants in their first five years in systems engineering. This track will consist of a full day Fundamentals 101 tutorial on April 29th covering the basic systems engineering processes used in MedTech, including examples and practice time. It will be followed by a Fundamentals Track on April 30th – May 1st with presentations expanding on the tutorial topics.

Examples of topics that fit in this track include:

- *Identifying user needs and stakeholder requirements*
- *Requirements, verification & validation, and compliance*
- *Making balanced decisions and trade-offs*
- *Technical risk management*
- *Key quality characteristics and approaches (e.g., reliability, safety, human system integration)*
- *Systems engineering principles and heuristics*
- *Important soft skills needed as a systems engineering practitioner (e.g., communicating, teamworking, influencing, conflict management, technical leadership)*

We are pleased to announce that David Walden, ESEP, has agreed to coordinate the Fundamentals track this year. Dave, President of Sysnovation, is well positioned to lead this track as Editor-in-Chief of the INCOSE SE Handbook and recipient of the INCOSE Founder's Award.

The Call To Action

Do you have interest in topics such as these? Then start making plans now to attend. Check out our conference site more info: *https://www.incose.org/hwg-conference/*

Do you have any experience in these kinds of topics? Well then, this is a chance to help our community and yourself by sharing your experiences. Check out even more benefits to presenting here: https://www.incose.org/hwg-conference/attendees/why-should-you-present

Our abstract submission site is scheduled to open to the public Dec 15. However, before that, we strongly encourage you to suggest your ideas for a presentation to Dave Walden (our track leader) at: Dave@sysnovation.com

Conference Website Link: https://www.incose.org/hwg-conference/