



The NorthCoast Interfacer



2008, 2017



2009-2013, 2015-2016, 2018-2019



2014

President's Corner

Our Chapter continues to be all-virtual, and we've become quite accustomed to the format. If you have not taken the opportunity to join us for one of our virtual Chapter events, please give it a try. We have had some truly outstanding live speakers, and our upcoming line-up of speakers and topics is equally as strong. Our informal, engaging, and free to attend!

We will soon be conducting our annual C-NO Chapter member survey. The Board enacted initiatives based on last year's survey results pertaining to our Chapter event planning, communications, and individual professional development. We encourage survey participation in the survey and welcome the feedback, as it helps our Chapter to better serve your needs.

Elections for the Board of Directors are this month for the terms commencing January 2022. The following positions are open for one-year terms: President, Vice-President, At-Large Director, Treasurer, and Secretary. If you have an interest in running for office next year, or wish to hear more information about the duties of any of the available positions, please contact Bill Klinger, our C-NO Nominations & Elections Committee Chair, at klinger@modex.com, or reach out to one of our current Board members. Chapter leadership is a terrific opportunity to "give back" to our systems engineering profession, and help shape the future success of our Chapter.

- Tim Schuler

C-NO President

WANTED: Great Ideas for Upcoming Chapter Meeting Topics



We are always looking for topics and presenters of interest for future chapter meetings. Perhaps ***you*** have an idea for a particular topic and would like to present it or lead a panel discussion at an upcoming meeting? Maybe you have an idea for a tutorial you'd like to share, or for a seminar or workshop that you think might be beneficial to the membership?

Please feel free to contact Marian Cronin at marian.f.cronin@nasa.gov or 216-433-2660 with your ideas!

Welcome to New Chapter Members

Welcome to two new members in September! The Board of Directors hopes the Chapter can aid you in your professional development, and looks forward to getting to know you.

- Benny Mamimpin – a student
- Todd Harless – Boeing (transfer in)

To all members, I would encourage you to invite co-workers and other systems engineers you know to join INCOSE and become active in the Chapter.

-Dennis Rohn

Cleveland-Northern Ohio Chapter Membership Chair

In Remembrance of Marton Forkosh....

By Dennis Rohn

The Cleveland-Northern Ohio Chapter lost one of its founders, when Marton Forkosh passed away on July 14, 2021. Marton joined INCOSE in 2000 and frequently attended International Symposia and Workshops. Through this and his leadership in the NASA Glenn Research Center systems engineering organization, he wondered if it would make sense to have a Cleveland based INCOSE chapter. John Juhasz, one of the other founders, reflected that “I remember well how - at the IW 07 in Albuquerque where we had a



Marton Forkosh, shown fourth from the left, with other Chapter meeting attendees in December 2010

breakfast meeting - he enthusiastically supported the local chapter formation, and provided solid ideas for its successful evolution.“

As a result of that breakfast meeting, a few of us began planning to organize a chapter and held our first meetings in the summer of 2007. Without Marton, the Cleveland-Northern Ohio Chapter may never have been formed. While never serving as a Chapter officer, Marton always supported the Chapter and encouraged fellow employees to join. Many folks are appreciative of his efforts over the years. One of our Chapter’s earlier members, Bill Klinger shared “I applaud his pioneering work in helping to found and support the Chapter.”



Cleveland-Norther Ohio Chapter Members (L to R) Dan Gauntner, Dennis Rohn, Julie Grantier,, and Marton Forkosh at the Symposium banquet reception in a Utrecht, The Netherlands, Railway Museum, in 2008.

Marton was also active in INCOSE at the International level, and occasionally he would even sit in on Corporate Advisory Board meetings as the NASA representative. Through the years I had numerous opportunities to travel with Marton for INCOSE Symposia and Workshops. He was always fun to travel with and I would like to share recollections from one such INCOSE trip.

then President of INCOSE. He was like that, he got to know so many people and they knew him as well.

In 2005, we travelled to the INCOSE International Symposium, which was being held in Rochester, NY. One evening, he and I took a walk around the city to see some sights. We came across a restaurant where several other INCOSE members were sitting out on a patio area. Marton walked over to say hello to them, and it seemed like he knew all of them, including the

During that same trip, we decided to drive to a nearby restaurant that was housed in an Erie Canal era tavern. It was there that I became aware of how well Marton knew wines. We decided to have a glass of wine while waiting for our meal and he quickly selected one off of their wine list. It turned out to be the best red wine that I have ever had. He made a great selection.

Marton, not only help found the local Chapter, but also aided the International organization in outreach to Russian systems engineers, helping them to establish a Russian INCOSE Chapter.

Marton will be fondly remembered for his positive impact on systems engineering within NASA, within the international INCOSE community, within the local INCOSE community, and on me.



Cleveland-Northern Ohio Chapter Members (Lto R) Sean Beckman, Katie Trase, Cody Farinacci, Marton Forkosh, and Dennis Rohn at the 2014 International Workshop.

DSM 2021 - Just Enough Systems Engineering without Going Broke!

The annual DSM Conference was held virtually October 12-14th. Bill Klinger and Carl Dister from our chapter presented a paper along with a professional auditor, Denise Hunter on how to optimize the use of internal controls or management practices using network theory. We have often heard organizations complain that trying to be perfect at each INCOSE practice is impractical. However, how can you optimize your organization's Systems Engineering practices without going broke? The paper explains a method based upon the N-Squared in the INCOSE Handbook and uses a simple spreadsheet. The paper "*DSM-Based Validation Tool for Leveraged Optimization of Internal Control*" can be located at <https://dsm-conference.org/>

Upcoming INCOSE Related Events

The list below provides a sampling of upcoming webinars and events that may be of interest to INCOSE members. Now that most chapters are holding virtual events, it is easy to join if a topic is of interest. Many are listed on the INCOSE Events Page: <https://www.incose.org/events-and-news/events>, in addition to the Systems Exchange Cafés.

Events

October 29 - November 19, 2021, every Friday afternoon – 7th Annual Systems Engineering in Healthcare Conference (virtual) - FREE

<https://www.incose.org/hwg-conference/>

November 9, 2021, 11 AM-2 PM ET – INCOSE Presents: Systems Engineering Pathways to AI Now! (webinar)

<https://us02web.zoom.us/meeting/register/tZ0tcOugpzovGN2eUEu6dCT4xoXOnZ3A9q03>

November 17-19, 2021 – INCOSE Human Systems Integration Conference (San Diego, CA)

<https://www.incose.org/hsi2021>

November 30 - December 3, 2021 – 14th Annual INCOSE NC and Great Lakes Regional Conference (NC-GLRC14) (hybrid, Detroit, MI)

<https://www.incose.org/glrc>

January 29 - February 1, 2022 – INCOSE 2022 International Workshop (hybrid, Torrance, CA)

<https://www.incose.org/iw2022>

June 25-30, 2022 – INCOSE 2022 32nd Annual International Symposium (hybrid, Detroit, MI)

<https://www.incose.org/symp2022/home/when-where>

Webinars (various dates and times – ET shown)

Aerospace Corporation Systems Engineering Forum

<https://web.cvent.com/event/3edc0c45-0b77-416a-9bc7-9ffc1b1c0bb6/websitePage:234cac89-c2c2-4805-a879-7af49a83d1b8>

Digital Twin Consortium

<https://www.digitaltwinconsortium.org/webinars.htm>

INCOSE Systems Exchange Cafés (check time conversions)

<https://www.incose.org/about-incose/community/virtual-cafe>

Fir	Every Other Tuesday	7:00 PM
Oak	Every Other Wednesday	3:00 AM
Maple	Every Other Friday	11:00 AM

PHOENIX Integration Virtual Events covering Multi-Disciplinary Analysis & Optimization (MDAO), Model Based Systems Engineering (MBSE), and Digital Mission Engineering (DME)

<https://www.phoenix-int.com/model-based-engineering-enabling-the-vision/>

11/16/2021	1:00 PM	Digital Mission Engineering (SAIC)
------------	---------	------------------------------------

Systems Engineering Research Center

<https://sercuarc.org/serc-talks/>

-Dennis Rohn

Like us on Facebook

If you are on Facebook, search for Cleveland-Northern Ohio INCOSE Chapter and “like” us.



2021 Chapter Officers:

President:

Tim Schuler

Vice-President:

Secretary:

Dennis Rohn

Treasurer:

Marian Cronin

At-Large Director:

Sastry Kasibhatla

At-Large Director:

Brian Hallett