



## The NorthCoast Interfacer



**2008**



**2009 – 2013, 2015-2016**



**2014**

### President's Corner



Wow, Summer is already here! Where has the first half of the year gone?

It is hard to believe that I have almost completed a year as your interim President. Originally it had only been intended to be a few months, to finish out 2018. I had promised that once we got revised Bylaws out of the way, we would hold elections for 2019. Well that took longer than expected, but we are now past that and I am looking forward to elections being held soon. Bill Klinger has agreed to Chair the Nominations and Elections process, so if you are interested in getting involved with either the process or as a candidate, please reach out to him.

I continue to think about the three words that I have been focusing on in my past articles – *outreach*, *engagement*, and *value* - the outreach to students and others, the engagement that I and the Board of Directors are hoping to establish with chapter members, and the value of an INCOSE membership and Chapter involvement.

So why did you join INCOSE and this Chapter? There are probably as many reasons as there are members. Regardless of the reason, you must have found some value in wanting a membership. Have you ever promoted INCOSE to others? Our Chapter had reached approximately 50 members several years ago, but we haven't really seemed to grow since. We have held at that 50 +/- 5 mark for several years. On the other hand, we seem to be doing well, compared to some other chapters, with retaining current membership. But wouldn't it be great

to have a membership of 100-200 people? Think about all of the additional things we could accomplish together. I would encourage you to reach out to co-workers or other acquaintances, who may not know about INCOSE and encourage them to check it out.

Did you receive the value that you thought you'd get through your membership? Are there things this Chapter can do to help achieve that? Please reach out to me and the other Board of Directors with ideas on how we can make the Chapter better.

As always, I look forward to interacting with you at future Chapter events, some of which are covered elsewhere in this newsletter, and invite your feedback on what we can do to improve the Chapter and its value to you.

Dennis Rohn

C-NO President

## Bylaws Update

The proposed revision to the Chapter Bylaws were approved by the Chapter membership, adopted by the Board of Directors, and have been submitted to INCOSE. As a result, we will now be operating under the revised version, dated April 19, 2019. A copy has been placed in the Chapter area in INCOSE Connect, should you want to refer to them. The Board of Directors would like to thank those of you who were involved with the process, providing us feedback, and voting on the changes.

## BoD Email

As a reminder, in order to enable easier communication between Chapter Members and the Board of Directors (BoD), the BoD has established an email address that can be monitored by all board members – [NorthOhioINCOSE@gmail.com](mailto:NorthOhioINCOSE@gmail.com). While you can still contact BoD members individually, you can also use this new address to reach any of us.

## Chapter Meetings

The Chapter will have conducted its June 4<sup>th</sup> chapter meeting by the time you are reading this email. Based on RSVP's, it looks like we will have had good attendance at it. Look for a summary in our next newsletter.

As noted elsewhere, the INCOSE International Symposium is in July. As a result we have not scheduled any July Chapter meeting. Our next one is scheduled for August 20. We do not have a firm commitment on a speaker yet, but the person we are pursuing should provide a great presentation. Stay tuned for more details. Hope you can attend.

If anyone would like to help coordinate a future meeting or has a topic/speaker to suggest, please reach out to the Chapter Board of Directors.

## Welcome to New Chapter Members

Since our last newsletter, we have three new Chapter members. Welcome! The Board of Directors hopes the Chapter can aid you in your professional development, and looks forward to getting to know you.

May

- Sanjeev Vasudevarao Chennagiri, who works for Zimmer Biomet
- Alfredo Patag, who works for The Procter & Gamble Co.
- Kalyani Mallela

Dennis Rohn

Cleveland-Northern Ohio Chapter Membership Chair

## C-NO Outreach Event at Case Western Reserve University – April 26, 2019

Several Cleveland-Northern Ohio Chapter members participated in an outreach event with systems engineering students at Case Western Reserve University on April 26, 2019. For the past two years the C-NO Chapter Board of Directors has sought to engage with local engineering students to identify their needs coming into the workforce and to let them know what participating in INCOSE can offer them.



Figure 1 - Dennis presenting an overview of INCOSE and some of the available resources for Systems Engineers

One of our stalwart CWRU systems engineering student leaders, JC Schmidt, introduced the panel members: Dennis Rohn (Chapter President, 2018/2019), Tim Schuler (Chapter Secretary, 2018/2019), Justin Fada (NASA Systems Engineer, recent CWRU graduate), Bill Klinger

(Chapter Past-President, CWRU alumnus), Cody Farinacci (Chapter Past-President), and Brian Hallett (Chapter member) to an enthusiastic audience of approximately 15 students and faculty. Dennis presented an overview of INCOSE and systems engineering resources available to members. He then introduced the panel. Each panelist began with a 5 minute introduction of themselves including a summary of their career roles and experiences as systems engineers.



Figure 2 - Bill relating some of his early life experiences that guided him into engineering as a profession

The remaining time flew by with audience questions ranging from “What are good or bad parts of your job?” to “How would you evaluate [the performance of] a systems engineer?” Some thoughts from Justin as a relatively recent engineering graduate: “show how you have taken on additional responsibilities and show your value.” The discussion was so absorbing for all, that we eventually were kicked out of the room by an incoming class!

## Seeking candidates for INCOSE C-NO Chapter Officers

Fellow Cleveland-Northern Ohio Chapter members,

Last fall, the Board of Directors deferred the normal Chapter election cycle due to the transition from the 2018 President to myself as an interim President for the Chapter. The Americas Sector leadership also asked that we make sure the chapter was “re-established” before trying to conduct elections, which factored in to the decision. The other reason for the delay was because we felt it important to take a look at restructuring the Board of Directors before holding elections. The Chapter recently approved the Bylaw revisions that changes the elected leadership from President, Vice/President-Elect, Past President, Treasurer, and Secretary, to President, Vice President, At-large Director, Treasure, and Secretary. Each position now serves a nominal one-year term.

Having the new by-laws in place, it is now time to conduct elections for the 2019 officers. We are in the process of trying to establish a Nominations & Elections Committee to conduct the elections, but in the meantime, I wanted to encourage all of you to consider running for one of the five positions. My goal is to have candidates identified this month, conduct the elections in

June (a 30 day period) and have the new officers begin in July. Because we got off cycle, the 2019 officers would only need to serve from July until January. (a new election cycle would occur this fall to elect 2020 officers)

So please consider serving the Chapter in an elected position. If you have any questions about the responsibilities, feel free to reach out to me or the other current officers (Marina Cronin and Tim Schuler). If you aren't able to be an elected officer, but would like to get involved, we could use additional volunteers on the Nominations & Elections Committee too. If you are interested in either an elected position, or on the committee, let me know (until the Committee is established).

## GLRC

The deadline for submissions of proposed presentations and panel sessions has been extended. It would be great to see more presentations from our local Chapter. Please consider submitting a proposed presentation.

The theme of this year's GLRC is "Giant Leaps with Systems Engineering." The conference program will reflect on significant accomplishments of systems engineering, including celebration of the 50th Anniversary of Apollo. Looking ahead to the next 50 years, the GLRC13 will explore the possibilities with systems engineering in meeting the challenges of today and in the future. The conference is being held in conjunction with EnergyTech 2019 at the Cleveland I-X Center, the week of October 21. Tuesday, October 22, and Wednesday, October 23, will feature presentations mostly focused on systems engineering applied to terrestrial and aerospace energy systems. Wednesday, October 23, and Thursday, October 24, will feature presentations on systems engineering and systems engineering applied to other types of systems. It is anticipated that the week will also include full and half day tutorials. On Friday morning, October 25, the INCOSE Certified Systems Engineering Professional exam will be offered for free. Several exciting speakers are also being planned, including Astronaut Harrison Schmidt, who also spoke at the GLRC held in Cleveland in 2009. The conference website is: <https://www.incose.org/glrc13>.

We are also looking for sponsors and exhibitors, so if your organization might be interested in sponsoring the Conference and/or staffing a booth during the conference, let us know.

Planning is being done by a regional team made up of individuals from Chapters in the region. Several Chapter members have stepped up to lead and participate in the planning and execution of the conference, including Joel Knapp, who is the Conference Chair. But more volunteers can always be used, including people to review presentation submissions or help the week of the conference. This is a great opportunity to get to know systems engineers from other areas and help make the conference successful. If you are interested in helping, let us know. ([NorthOhioINCOSE@gmail.com](mailto:NorthOhioINCOSE@gmail.com))

## INCOSE International Symposium

The 2019 INCOSE International Symposium is almost here, but there is still time to register and attend. It will be held in Orlando, FL, on July 20 to 25, 2019, at the Hyatt Regency Grand Cypress. Many interesting tutorials are schedule for the 20<sup>th</sup> and 21<sup>st</sup>. Details can be found at: <https://www.incose.org/symp2019/home>. The INCOSE International Symposium typically draws around 1000 attendees and offers paper, panels, tutorials, working group meetings, and a large exhibit hall with vendor booths.



## Upcoming INCOSE Related Events

The list below provides a sampling of upcoming webinars and events that may be of interest to INCOSE members.

- July 20-25, 2019 – INCOSE IS 2019 (Orlando, FL)
  - <http://www.incose.org/symp2019>
- **October 21-25, 2019 – INCOSE Great Lakes Regional Conference 2019 (Cleveland, OH)**
  - <https://www.incose.org/glrc13>
- **October 21-25, 2019 – EnergyTech 2019 (Cleveland, OH)**
  - <https://www.energytech.org/>
- October 21-24, 2019 – 22nd Annual Systems and Mission Engineering Conference (Tampa, FL)
  - <http://www.ndia.org/events/2019/10/21/22nd-annual-systems-and-mission-engineering-conference>
- January 25-29, 2020 – INCOSE IW 2020 (Torrance, CA)
  - TBD

Office of the Deputy Assistant Secretary of Defense. System Engineering. System of Systems Engineering Collaborators Information Exchange webinars, available at: <https://www.acq.osd.mil/se/outreach/sosecollab.html>.

- April 16, 2019, Mission Analysis and Operational Architectures, Mr. Zane Scott, Vitech Corporation

- April 30, 2019, Digital Engineering Transformation, Mr. Thomas McDermott, Georgie Tech Research Institute, SERC
- May 14, 2019, Toward Scaling Model-based Engineering for Systems of Systems, Dr. Ryan B. Jacobs, The MITRE Corporation
- June 11, 2019, Mission Engineering and Prototype Warfare, Matthew Horning, U.S. Army Future Command
- June 25, 2019, A Tool for Architecting Socio-Technical Problems: SoS Explorer, Dr. Cihan Dagli
- July 16, 2019, Modular Open SoS Education (MOOSE), Mr. Kyle Hastings, The MITRE Corporation

Past webinars have been recorded, so they can still be viewed.

*Dennis Rohn*

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### **2018 Chapter Officers:**

**President:**

Dennis Rohn

**Vice-President:**

**Secretary:**

Tim Schuler

**Treasurer:**

Marian Cronin