The NorthCoast Interfacer

President's Corner

It is springtime in northern Ohio, and you know what that means, we get to experience multiple seasons in the span of a few days. I was surprised on my way to work this morning, seeing a wet snow come down. Yet a few days ago it was fairly warm and one of my neighbors had their air conditioning on.

Regardless of the northern Ohio weather, springtime is always thought of as a time of renewal and new growth. And that is what I am hoping for the Cleveland-Northern Ohio INCOSE Chapter. At the end of last month, your newly elected Board of Directors took office. I am pleased that we have a few members new to the Board and others have stepped forward and taken on new, more challenging, roles.

I'd like to highlight three areas or renewal/growth that I am excited to see. This first is chapter meetings. For the first time in years, we have an Events Committee, led by Carl Dister and Bill Klinger. There is an old saying that "many hands make light work." The committee would welcome any help you might be willing to provide, even if it is just for one meeting. So far, we have had two great programs this year, and I am looking forward to another in May.

The second area is in outreach. Ray Beach has stepped up and agreed to lead outreach to industry and academia. Through his connections in both areas, he is hoping to share with others about INCOSE and perhaps grow our chapter with additional practicing systems engineers and students.

The third areas is a local working group. At our next meeting, the Board of Directors will be considering the establishment of a local working group in the area of firmware and embedded systems. The group started meeting informally last year and is looking forward to being formally

established. This is exciting, as it is the first time we will have a local working group tied to our Chapter.

The February Newsletter had an article about IT infrastructure transition. As part of that, there is a new email address that can be used to contact the Chapter leaders. So if you have any feedback/suggestions for us or would like to get involved, please reach out to us at: cleveland-north-ohio@incose.net.

Lastly, I would like to challenge each of you to participate in our chapter meetings, invite colleagues to attend with you, and encourage them to join INCOSE.

- Dennis Rohn

2023 C-NO Chapter President

Welcome to New Chapter Members

Welcome to new members since our last Newsletter! The Board of Directors hopes the Chapter can aid you in your professional development and looks forward to getting to know you.

- Jacob Anderson
- Shannon Hoste
- Carter Junod

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

Energy & Mobility Conference

Energy&Mobility: *Technology, Systems, and Value Chain Conference and Expo* is a multi-industry international conference focused on energy and modern mobility, with an emphasis on advanced technologies, the challenges of systems integration, autonomy, and related product value chains and business models. All are critical factors enabling the transition to a robust, decentralized and resilient energy sector, the security of our critical infrastructure, and the evolution of mobility via advanced controls and alternative fuels, including Hydrogen, towards energy-efficient, cost-effective and sustainable solutions.

The EnergyTech conference series, managed with support from NASA GRC and INCOSE for the past decade by Telepath Systems, has evolved with SAE partnership into a 4 day event to focus on two of the most crucial challenges of our time: "Energy and Mobility". In further collaboration with NASA and INCOSE, the combined event will feature key speakers and experts from Government, Industry and Academia on a range of relevant topics as shown below. Organized with support by Critical Ops, the event will be held at

the I-X Center September 12-15, featuring 5 tracks, 8 themes, and several high-value workshops.

Technical papers and presentations invited on:

- Energy (Electrical, Microgrid, Storage, Sustainable Fuels, Hydrogen)
- Mobility (Aviation, Automotive, Commercial Vehicles, Charging)
- Space Systems & Technology, Power & Propulsion, Tech Transfer
- Transportation Electrification, Infrastructure & Resilience
- Autonomy & Advanced Control
- Drones & Airborne Systems
- Systems Integration, Security, Model-based SE
- Business Value Chain / Supply Chain
- Abstracts due (250-500 words) are still being accepted.
- Final Manuscripts, copyright assignments, and final presentations due: July 5, 2023

We welcome you to join us at the I-X CENTER in Cleveland, OH for this one-of-a-kind event.

For more information and to register, visit us online at www.energyandmobility.org.

Questions? Contact us at: info@energyandmobility.org

May Chapter Meeting

Firmware History: Transitioning Legacy Industries in Northeast Ohio

May 23, 2023 4:30 – 7:00 PM

Fairlawn-Bath Branch Library 3101 Smith Road Akron, OH 44333

4:30 PM - 5:00 PM Social Period (In-Person Only)

5:00 PM - 5:30 PM Chapter President Updates (Hybrid)

5:30 PM - 6:30 PM FW History: Transitioning Legacy Industries in
                                Northeast Ohio (Hybrid) - Bob Scaccia

6:30 PM - 7:00 PM Social / Networking (In-Person Only)

Northeast Ohio held a leadership role in major industries in the late 1800s and early 1900s, including lighting, controls, batteries, radiation, instrumentation, motors, power, and aerospace. Firmware and associated microprocessor technology operated as catalysts that kept certain industries in the region thriving into the modern era. Today, embedded systems and firmware engineers are needed more than ever, to keep these industries in NEO.

For those attending in person, pizza and soft drinks will be provided thanks to the generous support of USA Firmware LLC!

Register here.

INCOSE And Chapter IT Resources Updated

In the last newsletter, I shared information about the transition of the INCOSE and Chapter information technology (IT) resources. Two major changes have been completed since then. There is a new member management system and the system known as INCOSE Connect has been deactivated.

If you have not logged in to the INCOSE domain recently, you will notice a change in the interface. And the first time you log in, it requires some additional steps. I would suggest that if you have not yet, to go through the process sooner, rather than waiting until you have an urgent need to access the systems. Because of this transition, there have been a lot of requests for help to the INCOSE Office, so responses are a little slow right now. But if you experience any issues, feel free reach out to the INCOSE Office.

The other change is that the system known as INCOSE Connect has been fully deactivated. All of our information that had been housed there was moved to the new SharePoint system well before it was deactivated.

Shown in Figure 1 is a screen shot of the Chapter's Yammer page. The left hand panel is managed by you and shows which communities within INCOSE you have joined. You can find more INCOSE communities by clicking on the "Communities" like near the top of this lefthand panel. The Center panel is the threaded discussion specific to our Chapter. Feel free to respond to someone else's post, or create your own on a new relevant topic. The right hand panel includes additional information and links to relevant information, including to the Chapter's SharePoint site.

Figure 2 is a screen shot of the Chapter's SharePoint home page. The left hand panel offers a menu to navigate through out the site. The rest of the page displays the selected information. In this example, the content on the Home page. If you have any suggestions on how to improve this to make it more useful, please let me know.
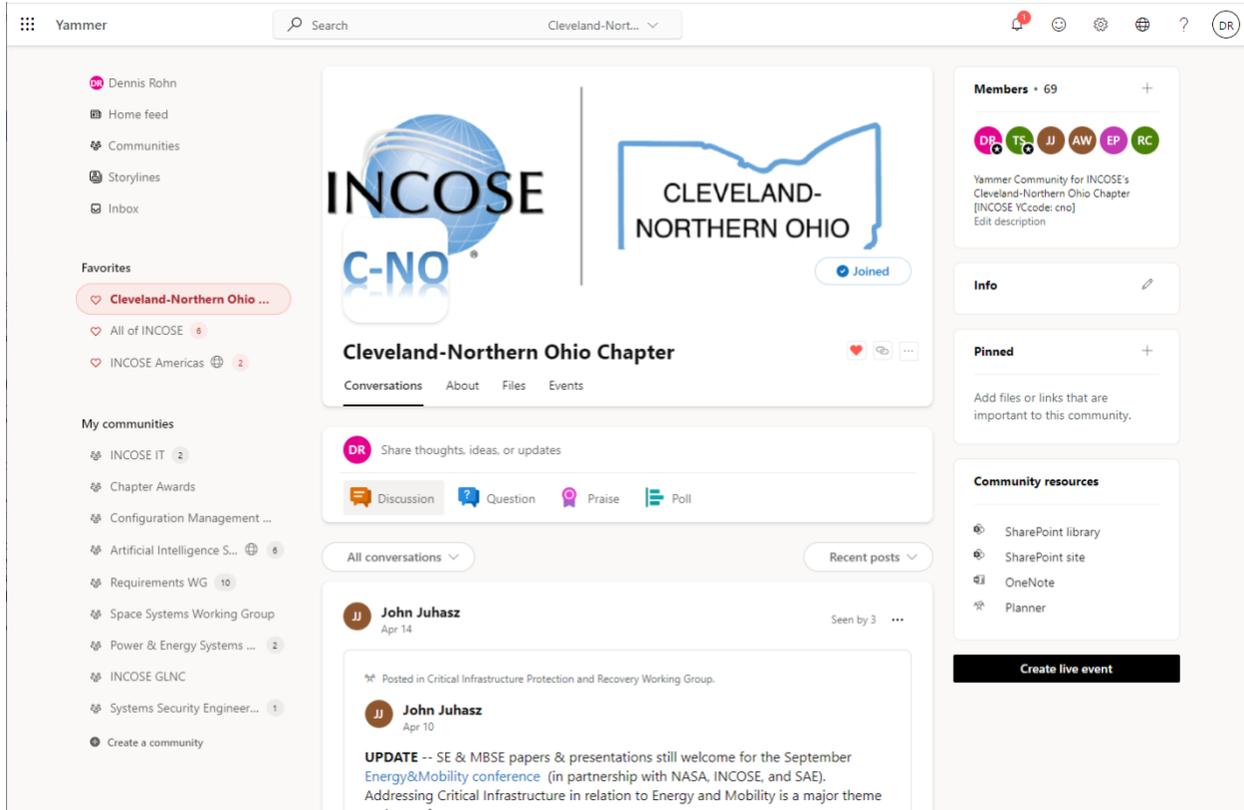
Figure 1 C-NO Chapter Yammer Site
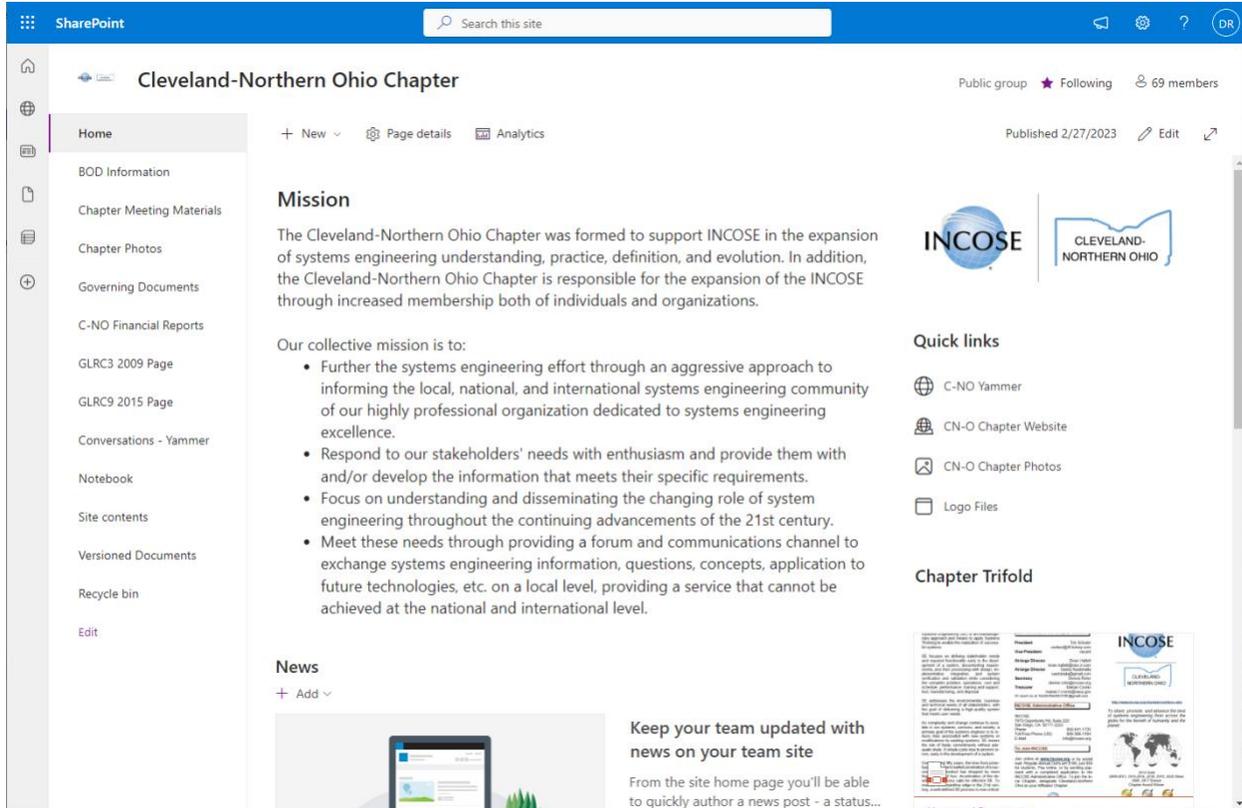
Figure 2 Chapter SharePoint Site

Dennis Rohn

INCOSE International Symposium 2023

The 2023 International Symposium is right around the corner. IS2023 is being held as a hybrid event with the in-person venue in Honolulu, Hawaii. Registration should open soon and there are various options to choose from. A detailed agenda has not been posted yet, but in past years, over the six days, there have been five technical tracks planned with more than 80 papers or presentations. There are also keynote speakers planned for the plenary sessions. It is anticipated that individuals from at least 25 countries will be represented, covering 24 application domains and 37 separate topic area. There will also be panel discussions and 2 optional tutorials. For more information, check out the IS2023 website: IS 2023.

Like us on Facebook

If you are on Facebook, search for <u>Cleveland-Northern Ohio INCOSE Chapter</u> and "like" us.

2023 Chapter Officers:

President:
Dennis Rohn

Vice-President:
Sastry Kasibhatla

Secretary:
Amber Waid

Treasurer:
Brian Hallett

At-Large Director:
Sam Ciccone