

EWLSE Updates

Alice Squires, ewlse@incose.org

The Empowering Women as Leaders in Systems Engineering (EWLSE) group is presenting a panel at the INCOSE International Symposium (IS 2019 on “How Essential are Cognitive Flexibility and Cognitive Diversity to Developing Effective World-Wide Sustainable System Solutions?” on Tuesday, 23 July from 10:00 a.m. to 12:10 p.m. We hope to see you there! We will have a lively discussion on how individual cognitive flexibility (one of the top 10 skills employers desire most by 2020 per the World Economic Forum and the cognitive diversity inherent in a team impact the team’s ability to develop effective sustainable system solutions to complex global problems. Moderated by Rusty Eckman, the panel will feature various perspectives on the role of cognitive flexibility and diversity from panelists Lisa Hoverman, Eric Specking, Hazel Woodcock, Bill Parkins, and Alice Squires. After a short presentation from the panelists, there will be plenty of time for an interactive discussion with the audience.

EWLSE is also planning an on-site social networking gathering at the INCOSE IS 2019 for both EWLSE members and anyone interested in finding out more about women in systems engineering leadership on Wednesday, 24 July after the end of the day’s technical sessions. We are still determining the exact gathering place on-site and attendees can also bring one guest in support of our vision of a world where men and women are equally represented as leaders in systems engineering.

In the fall, EWLSE will be hosting an INCOSE EWLSE booth at the Society of Women Engineers (SWE) conference in Anaheim, US-CA on 7-9 November at WE19. If you are attending WE19, please let us know so we can get together. Also, please consider stopping by our booth and supporting INCOSE and EWLSE in our efforts to communicate the many benefits of a career in systems engineering and support women in their engineering career. We also have four exhibitor passes for a small fee for those who are in the area or willing to travel to Anaheim. Please email ewlse@incose.org if you are interested.

Men and women are invited and encouraged to join EWLSE and support women in engineering

by adding “Empowering Women” to your committee/working groups under your INCOSE profile (click on your name after you log into INCOSE, select Profile, and proceed from there).

Empowered Women: Call for “Systems Engineering Leadership” Intent to Submit a Chapter Submissions

Alice Squires, ewlse@incose.org; Marilee Wheaton, marilee.j.wheaton@aero.org

EWLSE is sponsoring a book focused on topics in support of systems engineering leadership as part of the Springer Women in Engineering and Science series. This series highlights women’s research and achievements in key, targeted areas of contemporary engineering and science and raises awareness of the pivotal work women are undertaking. The purpose of these biographies is to motivate and inspire those entering the field. The series has several requirements: editors must be IEEE members, and authors of chapters must be women; however, we are asking for all members of the community to consider participating. Men and women can serve as reviewers, and we will acknowledge all contributions.

The goal of the book that EWLSE is proposing will be to present new and emerging topics supporting systems engineering leadership using unique, creative, and innovative approaches. This will be a one-of-a-kind book rather than a repeat of previously published systems engineering textbooks. Marilee Wheaton, Aerospace Corporation, and Dr. Alice Squires, Washington State University, are the book editors. At this stage, we are seeking ideas on potential chapters for the book through “intent to submit a chapter” submissions in the form of a chapter description up to 500 words, to be sent to both editors (ewlse@incose.org, marilee.j.wheaton@aero.org) by 1 October 2019. The chapter submissions will support the final organization of the book chapters and a formal call for chapters in the fall. Initial ideas for chapter topics in the context of systems engineering leadership include persistence in leadership, impact of workforce culture, role of technical satisfaction, soft skill advantage, systems engineers as superheroes, and other fun, emerging, and energizing topics.

To Those Seeking Systems Engineering Mentors and Mentees

Lauren Stolzar, lstolzar@gmail.com
Stephanie Chiesi, schiesi@gmail.com

The newly created mentor/mentee program, available to all INCOSE members (see Figure 1) has kicked off and we have successfully matched over half a dozen mentors and mentees since the INCOSE IW 2019, with a few additional matches in the works. We currently have several experienced systems engineers who are ready to support those seeking mentors. If you are seeking a mentor, or willing to be a mentor, please hold your smartphone up to the QR code in Figure 1 to gain access to the sign-up survey, or go directly to the url:

<https://bit.ly/2G6TJPL>.

For additional information, please email incose-mentor@incose.org.



Figure 1. INCOSE needs you! For mentors and mentees: <https://bit.ly/2G6TJPL>



29th Annual **INCOSE**
International Symposium
Orlando, FL, USA
July 20 - 25, 2019

SPONSOR INCOSE IS 2019!

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- 3** Put a spotlight on your organization's competency in Systems Engineering
- 4** Be associated with the highest culture of professionalism and innovation
- 5** Demonstrate organizational support to INCOSE's mission
- 6** Develop sustainable business relationships

EXHIBIT at the INCOSE IS 2019!

16 642
SQ FT

4
DAYS

2
SOCIAL EVENTS

11
BREAKS & LUNCHES

Lots of possibilities to interact with systems engineering communities

2018
KEY NUMBERS



1 000
PARTICIPANTS



45
EXHIBITORS



* Data from IS2018 in Washington DC

Visit www.incose.org/symp2019



Notes from the Board

Lisa Hoverman, marcom@incose.org

President-Elect Garry Roedler opened the Q2 meetings held in Indianapolis, US-IN by welcoming two new members to the INCOSE Board of Directors (BoD or the Board):

- Mitchell Kerman: Director for Outreach (Idaho National Laboratories)
- Juan Amenabar: AscD, VALUE, Strategic Objectives champion

The Board worked in Q2 on meeting the INCOSE Strategic Objectives by looking at how to improve our value streams. We examined how to improve IT offerings, how to better coordinate our portfolio of services under a Services Director (requires a by-laws change, so we need your vote!), and how to serve

membership better across our value streams through Events, CAB Needs, Chapter Offerings, Products, Training, Volunteer at the BoD level, and Standards.

A new budget structure was introduced, and both MarCom and Outreach shared updates and upcoming plans to continue to support our Strategic Objectives and underlying Value Streams.

While doing a lot of work, some of the Board gathered the day before meetings to enjoy a tour of the Indianapolis Racing Hall of Fame (see cover!), enjoyed a dinner at our Chief of Staff, Andy and Anne Pickard's lovely home, and a social with the Crossroads of America chapter, a very high contributing chapter, showed us great hospitality!

Update from INCOSE IT

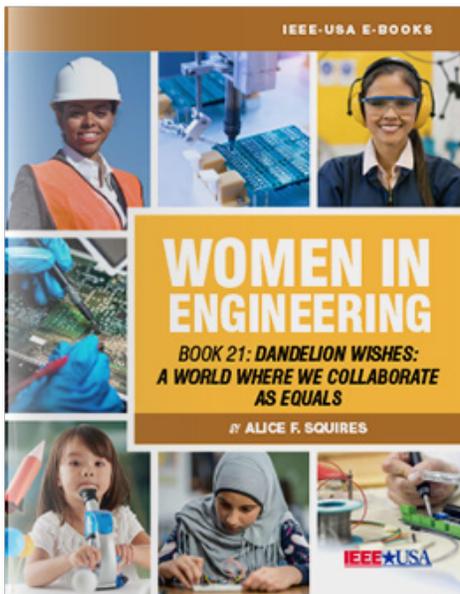
Bill Chown, cio@incose.org

Amongst the many forms of spam messages going around, you may have received email offering you lists of attendees at various events. Recently such offers have included reference to INCOSE events for which the attendee information is not public.

Sponsors and exhibitors at INCOSE major events do receive attendee information to permit them one attempt to contact those

attending, but INCOSE never provides lists of members, participants, or anyone corresponding with INCOSE for these third-party re-distributors of lists.

We are taking all necessary steps to ensure that such information is not being made accessible through any channel and are committed to protecting personal information, in accordance with our published privacy statement online.



Women in Engineering—Book 21 Dandelion Wishes

In IEEE-USA's latest Women in Engineering e-book, INCOSE Leader and EWLSE founder, Alice F. Squires, shares her vision: "To be successful working together as a team of equals."

Author Alice F. Squires believes the desire to make a difference in the world follows us wherever we are. Her vision: "**To be successful working together as a team of equals.**" We are collaboratively working on products that will have an impact on the world, and will improve the lives of others. From working engineer—to educating the next generation of engineers in the classroom—she strives to inspire engineers, managers, technical leaders and others to work together to make the world a better place.

<https://ieeusa.org/shop/careers/wie-book-21/>