

Bill Chown



Candidate for CIO

Vision

The INCOSE vision of “A better world through a systems approach” is supported by the mission “To address complex societal and technical challenges by enabling, promoting, and advancing Systems Engineering and systems approaches.”

25 years of INCOSE has experienced many changes, transitions and evolutions of the central message and associated tactics, strategies and initiatives. As we travel along that journey, so our environment also evolves, hopefully to good effect, but not without sterling effort applied by the many members who contribute to the ongoing growth and strength of our organization, INCOSE.

Getting “there” from “here” has always been a significant challenge, and we have been passing through one of those challenges as we bring out supportive infrastructure, aka “IT” up to the goals and standards of the current world. We are still on that journey, and as we apply various solutions to the perceived needs, so those very needs evolve, the environment changes, and the deliverables also must change.

To serve this vision and mission, INCOSE sets out to produce and broker the most impactful systems engineering information in the world, grounded in effective practice and research.

Maintaining the requisite impactful nature of this great resource demands immediacy and currency that is challenging to achieve and continues to prove even more difficult to sustain.

Moving forward from the past three years that have included major upgrades to INCOSE IT infrastructure, my goal in the role of the CIO is to consolidate the changes into a fully robust resource, and build upon that to provide all the INCOSE membership and any external interested parties with the capabilities envisioned in the statements above.

Tactically, there are key areas where immediate action is required, and new solutions must be put in place in a timely manner.

As CIO, I should have a broad knowledge of the workings of INCOSE, advances in tools and techniques that can be brought to bear to support the INCOSE membership, and where to go to find additional depth and breadth when required. It is transparently obvious that the CIO will neither know it all nor implement it all, but must be able to comprehend needs and

methods, communicate those effectively and encourage others to help deliver the needed results, in a timely fashion.

I should like to be able to continue this journey, make the progress that we wish to be able to make, and offer our membership an improved resource to enable them to deliver the very best that Systems Engineering can offer – a better world.

Biography

Bill Chown

CIO of INCOSE, sponsor of good practices, driver towards a more connected world.

Bill Chown is product line director for the system-level engineering division at Mentor Graphics, a leading Electronic Design Automation (EDA) vendor and now a business of Siemens, supplying products and solutions spanning systems engineering, software and hardware design, board and silicon design and extensive verification technologies.

Bill's design career began in the UK, from developing mixed signal and DSP systems at chip and board level through to systems engineering, managing projects through to layout and production test, before moving to the US semiconductor industry with a specialist CMOS mixed-signal vendor.

He has subsequently worked in EDA and test software development in Europe and the US with Mentor Graphics, Summit Design/TSSI, Integrated Measurement Systems and Credence. A four decade design automation industry veteran, Bill currently specializes in the Digital Thread of systems engineering for system-level design and analysis across technology disciplines.

Additionally, Bill has been involved with standards activities for many years, serving in the CFI, ECSI, and STIL initiatives, is past chair of the TTTC TAC on Virtual Test and served as a board member for The SPIRIT Consortium. He has been a board member of OMG, Secretary of the INCOSE Cascade Chapter in Oregon and Washington, and is a member of the OASIS OSLC Steering Committee. He is a Senior Member of the IEEE, and holds an Electronic Engineering degree from the University of Wales and an MBA from the University of Oregon. And he's getting old!