Monthly Meeting and Lecture

Wednesday, 17 November 2021 (6:00 – 8:00 pm)

Lessons Learned from the NSOSA Architecture Study
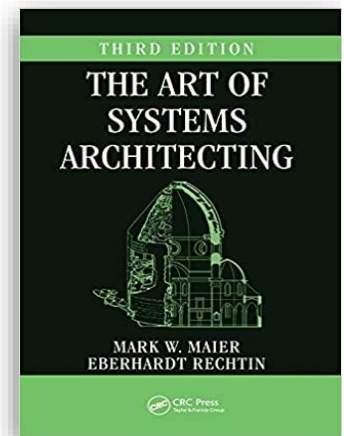
Dr. Mark Maier

Location: This presentation is purely **VIRTUAL/ONLINE.**	*An online chat questions-and-answers session will also be available. Webcast Link will be sent to Registrants*

Presentation: From 2014 to 2018 the National Oceanic and Atmospheric Administration (NOAA) conducted a large-scale study of its next generation weather satellite constellation architecture. This talk will discuss major lessons learned from conducting that study. Among the topics discussed will be the selection and primacy of value models, the concept of architectures as classes of system alternative, and variance as a measure of significance. The study, known as NSOSA, has been the basis for NOAA's announced plans for moving to a hybrid constellation of traditional and non-traditional platforms and approaches.

Door Prize for this month
The Art of System Architecting (Systems Engineering) Mark W. Maier, Eberhardt Rechtin

Speaker: Dr. Mark W. Maier is a Technical Fellow at The Aerospace Corporation, and a recognized expert in systems architecting (the art and science of creating complex systems). He is co-author, with Dr. Eberhardt Rechtin, of The Art of Systems Architecting, Third Edition, CRC Press, the mostly widely used textbook on systems architecting. He has BS and MS degrees from Caltech and a Ph.D. from USC.

To be sent the Webcast Link, please register at
incose-cc.eventbrite.com

Our Evening's Agenda	6:00 – 6:45 pm **SE Table talk** 6:45 – 7:00 pm **Chapter Business Meeting** 7:00 – 8:00 pm **LECTURE**

Search "INCOSE Chesapeake" on YouTube for all Monthly Lectures