



December 3, 2020

Atlanta Chapter Meeting

“Developing a SysML Model for the 1903 Springfield Rifle” Rick Steiner – Skygazer Consulting

Abstract

Rick will walk us through a simple educational model built in OpenMBEE, from which he generated a system description document (in VE and also pdf). This model tells the story of the development and refinement of the main battle rifle used by the US Army in WWI and subsequently in WWII, a simple system but with significant repercussions and refinement. It can also lead to a deeper understanding of system boundaries, interfaces, and requirements.

Speaker Bio

Rick Steiner is an independent Model Based Systems Engineering (MBSE) consultant and systems modeling coach, with clients in various Aerospace and Defense companies. He retired after a 30-year career at Raytheon as an Engineering Fellow and a Raytheon Certified Architect. He has focused on pragmatic application of systems engineering modeling techniques and has been an advocate, consultant, and instructor of model-based engineering. Rick has served as chief engineer, architect, and lead system modeler for several large-scale defense programs. He has been recognized by INCOSE as an Expert Systems Engineering Professional (ESEP), and has been honored as an INCOSE Fellow.

Mr. Steiner continues to be a key contributor to the development of SysML, and contributor to the OCSMP certification. He is also co-author of “A Practical Guide to SysML”, currently in its 3rd edition. Rick is an avid amateur astronomer, auto restorer, bass guitarist, Church volunteer, and recumbent bicyclist.

Schedule / Virtual Login (Zoom is primary, GlobalMeet backup):

5:15 – 5:30 pm

President’s Remarks

5:30 – 6:30 pm

Program

Join Zoom Meeting

<https://incose-org.zoom.us/j/95799447467?pwd=Q3ZpejZsdS81QUhmVEUyckg3NUVIUT09>

Meeting ID: 957 9944 7467

Passcode: 334504

One tap mobile

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PARTICIPANT GlobalMeet Join Details - Join as GUEST

Meeting Details Web Address: <https://incose.pgimeet.com/INCOSEResourceTwelve>

Access Number: 1-605-475-5604

Guest Passcode: 723 236 7062