



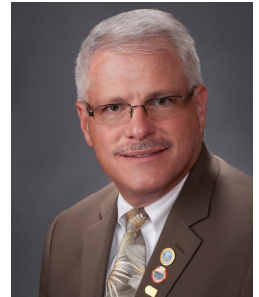
EMEASEC 2018

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Keynote speaker

Garry Roedler

INCOSE President, Lockheed Martin Senior Fellow



Keynote Title:

Shaping Systems Engineering and INCOSE for the Future

Abstract:

Look around us and what do you see regarding the systems of today? It is hard to find a relevant system that is a stand-alone system, not interconnected to other systems or interacting in some significant way with other systems. And the increases in the functionality of our systems, as well as the level of technology adoption, has continued to outpace our practices to fully harness the technology and technically manage the Systems and Systems of Systems to our greatest advantage. This presentation will look at our current situation and how our environment has changed, providing an understanding of the challenges we are facing with some examples using specific technology areas. It will then provide a look at some of the work in process to advance our processes, practices, and performance of Systems Engineering towards addressing those challenges. This includes working towards the realization of the INCOSE SE Vision 2025, progress being made in the area of Systems of Systems, and changing the way we look at Systems Engineering. And finally it will address what we are doing and need to accomplish within INCOSE to address this change.

Biography:

Garry Roedler is a Senior Fellow and the Engineering Outreach Program Manager for Lockheed Martin and the President of the International Council on Systems Engineering (INCOSE). He has over 33 years of systems engineering (SE) experience that spans the full life cycle and includes technical leadership roles in both programs and business functions. He is also an INCOSE Fellow, holds systems engineering certification at the Expert Systems Engineering Professional (ESEP) level, and received the INCOSE Founders Award. Garry has held key leadership roles in several industry associations and standards development organizations, including editor of ISO/IEC/IEEE 15288, Systems Life Cycle Processes and several other standards; and key editor roles for the Systems Engineering Body of Knowledge (SEBoK) and the INCOSE Systems Engineering Handbook. This unique set of roles has enabled Garry to influence the technical co-evolution and consistency of these key Systems Engineering and System of Systems resources.

<http://www.incose.org/emeasec2018>