

**System of Systems Engineering
Collaborators Information Exchange (SoSECIE)**

**February 5th, 2019
11:00 a.m. to Noon Eastern Time**

Development of New Standards for Systems of Systems Engineering (SoSE)

Presenter: Dr. Mike Yokell, ESEP

Abstract

Nearly all systems interact as part of a system of systems. Systems of systems engineering (SoSE) practice is maturing to the point that the International Organization for Standardization (ISO) has initiated the development of a set of SoSE Standards. This presentation outlines the background on the new SoS standards and describes the new standards in development. The structure and content of the standards are described along with the plans for continued development.

Biography

Dr. Mike Yokell is a Lockheed Martin Fellow and Deputy Director, Systems Engineering. He is the US representative to International Standards setting bodies for Systems and Software Engineering and is the project editor for two new international standards on Systems of Systems Engineering. Mike is certified as an expert systems engineering professional (ESEP) by the International Council on Systems Engineering (INCOSE). He holds multiple US and European Patents for Model Based Systems Engineering (MBSE) and large scale immersive virtual reality.