

Keynote Title: “The Enterprise as a Cyber-Physical System”

Abstract:

When we think of Cyber-Physical Systems (CPS), we often think about things like smart grid, autonomous automobiles, medical monitoring, process control systems, robotics, and automatic pilot avionics. These kinds of CPS consist of interacting digital, analog, physical, and human components engineered as a system. But enterprises also consists of these same elements. This keynote will examine the enterprise as a CPS and look at how CPS approaches can fundamentally change the way in which we engineer enterprises.

Short CV:

Reggie Cole is a Senior Fellow and Master System Architect with Lockheed Martin. He currently serves as the Chief Enterprise Architect for Lockheed Martin, where he is responsible for defining the globally-integrated architecture of enterprise systems and data across the company, including engineering, manufacturing, supply chain management, sustainment, human resources, finance and business operations. Also leads the Lockheed Martin program for developing and certifying architects.