



Please join us on the next INCOSE Webinar

When

Wednesday 20 October 2021 from 11:00am-12:00pm EDT
(3:00pm-4:00pm UTC)

Topic

BAE Systems Digital Engineering Journey

Speaker

Dr Scott Nowlin



Abstract

At BAE Systems, we provide some of the world's most advanced electronics, intelligence, security, and IT solutions and support services to our customers. Model Based Systems Engineering (MBSE) capabilities enabled by Digital Engineering (DE) infrastructures are a key part of our corporate strategy. We tailor these activities to, and integrate them with, our customers' various missions and mandates using agile development, model-based approaches, and end-to-end digitalization. We leverage our people, corporate culture, focused training, and workforce development investments to enable collaboration, engagement, and continuous innovation and improvement. This webinar will provide some details of our Enterprise Digital Engineering Vision, several of our DE / MBSE Best Practice "Exemplars," and our DE Workforce & Culture. There will be a time for Q&A, and contact information for follow-on discussions will be provided.

Biography

Dr Scott Nowlin, Col, USAF (Ret.) is the Chief Engineer of the Air and Space Force Solutions Strategic Systems business area within the Intelligence & Security sector. He holds engineering authority for a unit that provides the US Air Force, US Space Force, and other DoD organizations and combatant commands with innovative solutions to help acquire, modernize, maintain, test, and cyber-harden intercontinental ballistic missile and space systems.

Scotty joined BAE Systems in December 2016 after serving 24 years as an Air Force developmental engineer, flight test engineer, Sustainment Center military director of engineering, and US Air Force Academy Assistant Professor and Deputy Department Head for Aeronautics.

Since joining BAE Systems, Scotty has served as the ICBM Integration Support Contract (ISC) modeling, simulation, and analysis Lead and systems engineering and integration Lead for the next-generation Ground Based Strategic Deterrent (GBSD) ICBM system. He now serves as the ISC GBSD and Minuteman III Lead Engineer, helping the ICBM enterprise and the 700+ ISC employees develop and apply model based systems engineering, digital engineering, and digital sustainment capabilities.

Dr Nowlin holds a Bachelor of Science degree in aeronautics from the Air Force Academy, a Master of Science in aerospace engineering from the University of Texas at Austin, and a Doctorate of Philosophy in engineering science from Oriel College, University of Oxford, UK.

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Regards,
Andy Pickard
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