



Please join us on the next INCOSE Webinar

When

Wednesday February 19th 2020 from 11am-12pm EST (4pm
– 5pm UTC)

Topic

21st Century Systems Engineering

Speaker

Dr Steven Dam



Abstract

Want to learn how to perform 21st Century systems engineering faster, better, and cheaper? Join us February 19th at 11am ET, to hear Dr Steven Dam discuss his new book *Real MBSE: Model-Based Systems Engineering using the Lifecycle Modeling Language and Innoslate*. You'll learn how to optimize varying parameters and disciplines throughout the lifecycle of the system within cost and schedule constraints without compromising performance. Real MBSE enables the execution of many activities in parallel, thus enabling the “faster and cheaper” part. Many people can contribute to the design and development at the same time, because the information they create can be easily linked together to form abstractions that enable you to communicate the results at all levels. Dr Dam uses a methodology that includes the technique, processes, and tools. This methodology isn't the only way to have a successful MBSE capability, but all three elements must be incorporated in any methodology you use. We offer this methodology as one that has proven successful over the past decade. It is based on methodologies used since the 1960s, but updated to the modern cloud computing, artificial intelligence age now emerging toward the end of the second decade of the 21st Century. Often people today work in a similar manner to how their grandparents worked in the 1960s, just with electronic tools instead of paper and pencil. Just creating a “model” doesn't mean you are doing effective MBSE. This webinar will show you how to take MBSE into the 21st century.

Biography

Dr Dam is the President and Founder of the Systems and Proposal Engineering Company (dba SPEC Innovations), based in Manassas, VA. He has been involved with structured analysis, software development, and system engineering for over 40 years. He participated in the development of C4ISR Architecture Framework (now DoDAF), the Business Enterprise Architecture (BEA), and Net-Centric Enterprise Services (NCES) architecture. He currently is applying system-engineering techniques to various DoD and DOE projects. Dr Dam is the author of four systems engineering-based books: "Real MBSE: Model-Based Systems Engineering (MBSE) Using LML and Innoslate," "Essential LML," "DoD Architecture Framework 2.0: A Guide to Applying System Engineering to Develop Integrated, Executable Architectures;" and "Proposal Engineering: A Guide to Developing Winning, Cost-Effective Proposals." Dr Dam has a BS degree in Physics from George Mason University and a PhD. in Physics from the University of South Carolina. Dr Dam is also an INCOSE certified Expert Systems Engineering Professional (ESEP).

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<http://www.incose.org/certification/CertFAQs>

Regards,

Andy Pickard

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