

The SEBoK: new material, new users, new uses, new directions

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Abstract. The Systems Engineering Body of Knowledge (SEBoK) version 1.1 was released in April 2013. This version contains new material and substantial revisions of previous material. This workshop will allow the new user to understand how to apply the SEBoK to his/her work, and will update experienced users on the new material and new applications. In addition, participant feedback will be solicited. Participants are encouraged to bring their own laptop or notepad to participate fully.

Biography

Dr. Art Pyster (Stevens Institute of Technology) - Arthur.Pyster@stevens.edu

Dr. Art Pyster has more than thirty years of experience as a successful executive, researcher, engineer, educator, and manager in government, industry, and academia. He has created, delivered, acquired, or operated numerous leading edge systems and technologies in telecommunications, aerospace, defense, air traffic control, and information technology domains. Currently, Dr. Pyster is Deputy Executive Director of the DoD Systems Engineering Research Center (SERC) (since 2008), a University Affiliated Research Center. He is the editor-in-chief of the Body of Knowledge and Curriculum to Advance Systems Engineering (BKCASE) project. He also serves as a Distinguished Research Professor at Stevens Institute of Technology (since 2007), where he teaches and conducts research on systems engineering, software engineering, and enterprise systems. Dr. Pyster is also the Director for Academic Matters for the International Council on Systems Engineering (INCOSE) (since 2010), a member of the INCOSE Board of Directors (since 2008), and an INCOSE Fellow.

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Dr. David Olwell is Professor and immediate past chair of Systems Engineering at the Naval Postgraduate School. As a highly respected authority in the field of reliability, he has presented seminars to a wide range of agencies and was Director of Research as well as Director of Mathematical Sciences Center of Excellence at West Point. In addition, he consults to the DoD on matters of national defense. Dr. Olwell holds a Ph.D. in Statistics and an M.S. in Mathematics and Statistics from the University of Minnesota. Dr. Olwell is a Fellow of the American Council on Education. He was also the co-Principal Investigator of the Body of Knowledge and Curriculum to Advance Systems Engineering (BKCASE) project and is the co-editor-in-chief of the SEBoK.