

CONTINUOUS DEVELOPMENT AND DEPLOYMENT OF MILITARY CAPABILITIES

Location: The MITRE Corporation,
7596 Colshire Drive,
McLean VA, 22102

Workshop attendance is by invitation only.

RESEARCH WORKSHOP LEADERS

Thomas A. McDermott Jr.
*Deputy Director, Systems Engineering Research Center
Stevens Institute of Technology*

Dr. Barry W. Boehm
*Chief Scientist, Systems Engineering Research Center
University of Southern California*



A recent Defense Science Board Task Force on the Design and Acquisition of Software for Defense Systems developed several recommendations targeted at more agile practices in the Department of Defense. Considering the move to an “agile at scale” transformation in DoD program offices, this workshop will discuss three key aspects toward successful transition: leading agile, continuous development and deployment of military capabilities, and building out a “digital engineering factory” concept for military systems.

LEADING AGILE: Large scale DoD projects suffer from a fragmented leadership architecture due to the multiple government and contractor relationships. The workshop will explore agile leadership practices in this domain, including agile values, continuous lifecycle management, and the fitness of the project and organizations for continuous operations.

CONTINUOUS DEVELOPMENT AND DEPLOYMENT OF MILITARY CAPABILITIES:

How should the DoD architect their systems for continuous development and deployment? This is an unaddressed systems engineering challenge. Key questions include how and when to deploy minimum solutions, incorporate user feedback into the product and process, and adopt agile systems architecture standards.

BUILDING THE DIGITAL ENGINEERING FACTORY:

The concept of a “software factory” or collaborative systems development cloud has been successful in some DoD programs, and will be a key part of DoD’s Digital Engineering transformation. The workshop will explore extending these concepts more broadly across the DoD enterprise.

To register, please visit www.sercuarc.org/workshops or call 201-216-8300. Participation is limited. Register now.