

Product Line Architecture

Speakers:



Charles E. Dickerson

Charles E. Dickerson

Royal Academy of Engineering Chair of Systems Engineering
Loughborough University, U.K.

Professor Charles Dickerson is the Royal Academy of Engineering Chair of Systems Engineering at Loughborough University in the U.K. His research is focused on model driven architecture and systems engineering. He has authored numerous papers as well as a graduate level textbook with the Georgia Institute of Technology on systems engineering and architecture. He has also co-authored an internationally recognized book on military systems architecture as well as key government reports. As a member of the IEEE, the Chair of the INCOSE Architecture Working Group, and Chair of the Mathematical Formalisms Group at the OMG, he works with the systems engineering community on systems architecture practice and standards.

Before joining Loughborough University, he was a Technical Fellow at BAE Systems, providing corporate leadership for architecture-based and system of systems engineering. He has also served as Aegis Systems Engineer for the U.S. Navy Ballistic Missile Defense Program and later as the Director of Architecture for the Chief Engineer of the U.S. Navy. Previously, as a member of MIT Lincoln Laboratory, he conducted research and tests on electromagnetic scattering. His aerospace experience includes air vehicle survivability and design at the Lockheed Skunk Works and at Northrop Advanced Systems, and operations analysis at the Center for Naval Analyses. Charles received the Ph.D. from Purdue University, West Lafayette, IN, in 1980.