



## INCOSE Past President William W. Schoening (1998)

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**William W. Schoening** is a Technical Fellow in Systems Engineering for Boeing where he consults on systems engineering topics across the corporation, teaches SE classes for Boeing and its customers, authors and edits short articles on selected SE topics, and is the coordinator of Boeing's initiative to significantly increase the SE education of its employees. In the latter role, Bill is the in-house "counselor" for over 300 Boeing employees enrolled in the graduate SE programs at the University of Southern California and the University of Missouri -- Rolla.

Bill's primary focus is on the early phases of product development, that phase often referred to as concept exploration. Most of his career as a military operations analyst and systems engineer has been spent in these early phases when innovative solutions are the result of imaginative ways to decompose functionality and then allocate functions to components while making use of new or improved technologies. Products have included ships, aircraft (military and commercial), radars, missiles, models and simulations, and both embedded and highly user-oriented software.

Bill is one of the original authors of the CMMI and continues as a member of the CMMI configuration control board. His work on CMMI in 1999 focused much of his later efforts on processes -- how they are structured and written, who they are for, and how they are implemented and taught. Over the last several years Bill has focused on how people, teams and managers act and interact to develop products successfully (or not.)

Bill was co-chair of the INCOSE Communications Committee in the mid 90s, president of INCOSE in 1998, Director for International Growth in the early 00s, first president of the Midwest Gateway chapter, technical chair for the 1995 Symposium, and a continuing volunteer for special projects for both INCOSE central and his chapter.

Bill earned an AB in Mathematics from Princeton and an MS in Mathematics from Northwestern University.