Dr. William Farr is a senior staff scientist in the Advanced Computation Technology Group of the Systems Research & Technology Department at the Naval Surface Warfare Center in Dahlgren, Virginia. He has over 19 years of experience in software system development specializing in measurement, quality assurance, testing, Monte Carlo simulation, and neural networks. He is currently leading a research effort for the Office of Naval Research to investigate metrics applied to the engineering of highly complex, real-time, distributed systems. This research is looking at system's evaluation and assessment over the entire life cycle. In the standards arena he has been a part of two efforts for software reliability. He was a member of the American Institute of Astronautics and Aeronautics (AIAA) committee which developed a Recommended Practice For Software Reliability. He was also an executive member of the IEEE committee that developed both the IEEE Standard Dictionary of Measures to Produce Reliable Software and the Guide for the use of that standard, (Std 982.1-1988 & 982.2). Bill has given numerous talks and published a number of papers on the subject of software metrics and software reliability. He is one of the contributing authors of a book that was published by McGraw-Hill and IEEE Computer Press last year entitled: *The Handbook of Software Reliability Engineering*. He received the first "Most Significant Contribution to the Software Measurement Field" annual award by the Software Quality Institute in 1991 for his software reliability modeling tool.