

## Biographical Information

William J. Peresta is a Computer Scientist in the Architecture and Engineering Division of the Combat Systems Department at the U. S. Naval Undersea Warfare Center Division in Newport, Rhode Island (NUWC DIVNPT). His current areas of technical investigation include the application of Open Systems Engineering for development of military combat systems, and the use of the Internet for web-based information presentation and management.

Mr. Peresta is currently involved in the development of a practical methodology for measuring the effectiveness of Open Systems, and recently co-authored "Open Systems Engineering Effectiveness Measurement," a paper presented to the Software Technology Conference '98 in Salt Lake City.

Mr. Peresta designed and developed the Practical Open Systems Engineering (POSE) Web Information Service at "<http://arch6.npt.nuwc.navy.mil/pose/>" to introduce the open systems paradigm as a method for building cost-effective information systems, maintains the Navy Training Management And Planning System (NTMPS) web site at "<http://129.190.230.16/>" under the auspices of the Chief of Naval Education and Training, and is active in the design and construction of Intranet web sites serving the mission of NUWC DIVNPT.

Previously, Mr. Peresta was principle investigator in charge of the Tactical Control Program Common Module Library, sponsored by the Program Executive Office, Advanced Science and Technology Office, Common Technology Group of the Naval Sea Systems Command, charged with the development of Tactical Control reusable software.

As the principle investigator in charge of the Tactical Database User Facility (TDUF), Mr. Peresta performed tactical database management of Navy Intelligence, Environmental, and Training databases in support of the AN/BSY-2 Submarine Combat System for the Seawolf submarine.

From 1990-1992 he represented the Navy's interest on-site in McLean, Virginia, during the development of Over-the-Horizon Targeting software for the Combat Control System Mk 2. Prior to that he investigated the use of data visualization techniques for the display of Combat Control System information.

Mr. Peresta holds a Bachelor of Science degree in Computer Science from the University of Arkansas, and a Bachelor of Arts degree in Psychology and Philosophy from Rhodes College.

He is married, is an active member of Channing Memorial Church in Newport, Rhode Island, and enjoys gardening, tennis, walking, biking, and the theatre.