

THE AMERICAN SOCIETY OF NAVAL ENGINEERS

takes great pleasure in presenting

The Gold Medal Award

for the year 2011 to

Dr. Douglass Post



for his significant contribution to naval engineering as set forth in the following

CITATION:

Dr. Douglass Post truly understands the investment necessary to develop, design, acquire, and deliver new naval ships and aircraft. His work has improved design and process technologies and capabilities, so that new systems can move quickly into production. To that end, his extensive technical prowess and expertise has been instrumental in developing high fidelity physics-based design software for the cost-effective acquisition of military vehicles in the Computational Research and Engineering for Acquisition Tools and Environments (CREATE) Program.

The CREATE Program has been critical in bringing far reaching initiatives to successful execution. Bringing together shareholders from a broad cross-section of the technical community, Dr. Post and his team's CREATE software will significantly reduce the level of expertise required to use physics-based simulation tools, provide robust case management capability and facilitate exploration of the vast dimensions of design possibilities. Although these capabilities exist to a limited degree in legacy tools, none fully address the multi-physics aspects necessary to realize the needed impacts to defense acquisition, nor are they poised to exploit the potential of next-generation massively-parallel high performance computers. The CREATE Program is unparalleled in its comprehensiveness. There has not been such an all-encompassing design software development program since the early stage of Computer-Aided Design in the 1960s and 1970s. And, there has never been a design software development program with greater focus on integrated, validated design tools than the CREATE Program. His work in developing CREATE has greatly improved the Nation's ability to design and develop complex weapons systems, preparing the Nation to meet future acquisition challenges.

In recognition of his visionary leadership and technical expertise, which have been crucial to the rapid implementation of high quality design software, Dr. Douglass Post is truly deserving of the 2011 ASNE Gold Medal Award.