



Dr. Alaa Mansour is a Professor in the Mechanical Engineering Department and Chairman of the Executive Committee of the Ocean Engineering Graduate Program. He is a past chairman of the Naval Architecture and Offshore Engineering Department at the University of California, Berkeley. He received his Bachelor of Science degree in Mechanical Engineering from the University of Cairo in 1958 and has M.S. and Ph.D. degrees in Naval Architecture and Marine Engineering from the University of California, Berkeley in 1962 and 1966, respectively. He held the position of Associate Professor in the Department of Ocean Engineering at Massachusetts Institute of Technology. He is a registered Professional Engineer in the Commonwealth of Massachusetts. Dr. Mansour has been the editor of the Journal of Marine Structures for North and South America since its inception. He is also an editor of the Journal of Marine Science and Technology.

Dr. Mansour has been elected to **Chair the International Ship and Offshore Structures Congress** for the term 2000-2003, and is currently the United States representative to the Congress.

Dr. Mansour is the recipient of the **Davidson Medal** presented by the Society of Naval Architects and Marine Engineers for "Outstanding Scientific Accomplishment in Ship Research", and is currently a Fellow of the Society.

In 2001, the Technical University of Denmark has conferred upon Dr. Mansour its highest honor, the Honorary Doctorate Degree, "**Doctor Technices Honoris Causa**", in recognition of his "significant contributions to development of design criteria for ships and offshore structures."

Research Interests

Structural reliability and safety, probabilistic dynamics of marine structures, strength of ship and offshore structures, development of design criteria.

Recent and Current Research

- Advanced Hybrid Hull Design, ONR sponsored project.
- Impact of imperfections on reliability of structures, ONR sponsored project.
- Strategy and technical approach for development of reliability based classification rules for tankers, ABS sponsored project.
- Reliability assessment of bulk carriers, ABS sponsored project.