



Hartford Section Newsletter

Fall 2008

Editor: Michael Roy

From Concept to Customer: The Design Process for High-Technology Products

Presented by: Dr. William T. Cousins
Engineering Fellow, Systems Engineering & Validation, Pratt & Whitney



How does one bring a new technology to market? What steps are required to minimize risk? How do you quantify the stage of development of a new technology?

"From Concept to Customer" discusses these ideas and more. The quality system hierarchy of technology development will be discussed, along with its relationship to product deployment. Technology development, validation, risk analysis, and testing are key parts of the advanced technology implementation process. While this seminar will discuss these concepts and show various short videos that relate these ideas to what is done in the propulsion engine business (icing tests, bird ingestion tests, water ingestion tests, destructive blade-out tests, etc.) the concepts are applicable to any advanced technology development and implementation process.

Dr. Cousins holds a BSME, MSME, and Ph.D. degree from Virginia Polytechnic Institute and State University, and has worked in the area of compressor aerodynamics, operability, and testing for over 30 years.

The presentation will be followed by a buffet style dinner, with time for networking and discussion.

DATE:	Friday October 17, 2008
TIME:	6:15p Sign in; 6:30p Presentation
LOCATION:	Hartford/Windsor Marriott 28 Day Hill Road, Windsor, CT 06095
ATTENDANCE:	Open to all ASME members and guests.
CONTACT:	Contact us by email or voice mail (see back page).
COST:	\$30 Adults; \$20 Students.

**ADVANCE
REGISTRATION
REQUIRED by Monday
October 13 at 5:00p.**