

Institute of Energy Technology – Professorship of Renewable Energy Carriers***Invitation to a Seminar***

Date: Thursday, April 19, 2012
Time: 16:00-17:00
Place: Maschinenlaboratorium ETH Zürich, ML J 34.1

Speaker: **Prof. Barry Hyman**
Mechanical Engineering and Public Affairs
University of Washington
Seattle, WA, USA

Title:
Status of Renewable Energy in the United States

Abstract – The United States has a variety of renewable energy resources. This presentation begins with an overview of the types of renewable resources and technologies and their potential applications. Then the extent and geographic availability of each resource in the U.S. is examined. Data on the usage of renewable energy in 2010 in key sectors of the U.S. economy is presented, along with trends over the past ten years. Attention then turns to reviewing the domestic political and regulatory environment for renewable energy. Included is an examination of key governmental and non-governmental energy organizations, their roles and activities with respect to renewable energy, including research and development priorities. Recent developments, key issues, and projections for the future are also discussed.

Biosketch –.

Barry Hyman is Professor Emeritus of Mechanical Engineering and Public Affairs at the University of Washington. He taught courses in energy technology and public policy at UW for 30 years and conducted research on a variety of energy topics. Prior to joining UW, Dr. Hyman was Staff Engineer for the U.S. Senate Commerce Committee where he contributed to key solar energy and energy conservation legislation. A Life Fellow of ASME, Dr. Hyman served ASME as Vice-President for Government Relations (1997-2000) and Vice-President for the Northwest International Region (1989-1991). He received the ASME Ralph Coats Roe Medal in 2000 in recognition of his outstanding contribution toward a better public understanding and appreciation of the engineer's worth to contemporary society. Professor Hyman's other awards include the Chester Carlson Award for Innovation in Engineering Education from the American Society for Engineering Education. He was recently Visiting Professor at the University of Missouri, previously served on the faculty at The George Washington University, and held engineering positions with NASA, U.S. Navy, and McDonnell Aircraft Co.

