

U.S. Congressman Michael C. Burgess, MD
2011 Energy Efficiency and Conservation Summit and Fair

Welcome/Intro: Chancellor **Lee Jackson**, Chancellor for the University of North Texas System

Panel Discussion One: Saving Energy in Design and Construction

Dan Fette, Dan Fette Builders/ Home Builders Association of Greater Dallas

Dan is president of Dan Fette Builders, Inc. and specializes in energy efficient new homes and remodeling. He led the effort at the Home Builders Association of Greater Dallas to create a residential Green Building Program for the DFW Metroplex and currently serves on the board for "Green Built Texas". In his work Dan prides himself on his customers' low utility bills.

Website: www.danfettebuilders.com

John Bobb, TexEnergy Solutions

John is General Manager of TexEnergy Solutions and US Eco Logic. For over 20 years he has managed technical installation and support on a global scale including work in South America, Europe, China and the Middle East. The last four years of his career has been dedicated to improving the energy efficiency in homes and the residential HVAC industry. With a background in Six Sigma LEAN processes and ITIL, John is currently implementing work automation and paperless field processes to streamline the efficiency of both businesses. Since 2002 TexEnergy Solutions has inspected over 65,000 homes of which nearly 40,000 have been certified under the ENERGY STAR program. 600 homes expected in 2011 to be certified under the LEED for Homes program.

Website: www.texenergy.org

Dr. Yong X. Tao, University of North Texas

Dr. Yong X. Tao is PACCAR Professor of Engineering and Chairperson of the department of Mechanical and Energy Engineering at the University of North Texas (UNT). He is ASME Fellow and Editor-in-Chief of Heat Transfer Research with more than 20 years of research and teaching experience. Prior to joining UNT, he was the Associate Dean of the College of Engineering and Computing at Florida International University in Miami, and a Professor of Mechanical and Materials Engineering. An internationally known researcher in fundamentals of thermal sciences, refrigeration system performance, and renewable energy applications in buildings, he was also Director of the Building Energy, Environment, and Conservation Systems Lab (BEECS) and Multi-Phase Thermal Engineering Lab (MPTE) at FIU.

Dr. Tao has produced a total of more than 154 journal publications, book chapters, edited journals and proceedings, and peer-reviewed technical conference papers over the course of his career, and holds two patents. He has received more than 12.2 million dollars of research funding as a single PI or Co-PI in multidisciplinary teamwork projects from the NSF, NASA, Air Force, DSL, DOE, ASHRAE and various industries. He was the Associate Editor of the Journal of Science and Engineering Applications.

Dr. Tao is also an active member of the American Society of Heating Refrigeration and Air-Conditioning Engineers (ASHRAE), and member of the Executive Committee of the Heat Transfer Division of ASME, and Editor of ASME Early-Career Technical Journal. He has served on many technical committees for ASME, ASHRAE and AIAA. He was also the Program Chair for the 2009 Summer Heat Transfer Conference of ASME, and as the Founding Chair, established the first US-EU-China Thermophysics Conference on Renewable Energy held in Beijing in May 2009.

In 2005, he was the faculty leader of the award-winning FIU Solar Decathlon entry sponsored by the US. In 2008, as Project Director of the Future House USA project, he led a consortium of academics, builders, industry sponsors and lobbyists to represent the US in a ten-country, international demonstration project of renewable energy and environmentally-friendly construction that resulted in a 3,200 sq. ft. zero-net-energy American House in Beijing, China.

On July 16th, 2009, Dr. Tao hosted a visit from US Secretary of Commerce Gary Locke and Secretary of Energy Steven Chu in the American House, and was praised by both Secretaries as playing a “vital role in building better collaboration between the United States and China in the area of energy-efficient buildings.”

Dr. Tao has a Ph.D. in Mechanical Engineering from the University of Michigan, and a B.S. and M.S. in Mechanical Engineering from Tongji University in Shanghai, China.

Website: www.unt.edu

Panel Discussion Two: Efficiency and Conservation for Mobility

Drew Campbell, Capitol Insight

For the last 25 years, Drew was President of the New Car Dealers Association of Metropolitan Dallas encompassing the DFW Metroplex and has lobbied on their behalf in both Washington, D.C. and Austin, Texas. He was also the manager and producer of the Dallas Auto Show. Drew has been actively involved with every major piece of legislation affecting automotive fuel efficiency since 1984. Currently, he is president of his own legislative and business consulting company.

Jim G. Fykes, Peterbilt Motors Company

Jim has been in Operations and Manufacturing management at Peterbilt Motors Company, a Medium & Heavy Duty truck manufacturer, for almost 35 years. During this time he has been Plant Manager of the Denton production facility, and has been involved in new product development as a Major Programs Manager. Current responsibilities include natural gas vehicle development, fuel economy and lightweight product development. Jim participates on several community boards as a Director and is on the Board of the North Texas Clean Air Coalition.

Website: www.paccar.com