



Call for Abstracts

www.ShowcaseTexas.org

You are invited to submit a **one-page abstract** on a topic for presentation at the **Texas Technology Showcase 2006**, to be held **December 6 and 7, 2006** at the Galveston Island Convention Center at the San Luis Resort in Galveston, Texas. Submit your abstract by **June 23, 2006** to Kathey Ferland at kferland@mail.utexas.edu

Theme of the Conference:

“The Engineer’s Energy Toolbox: Practices, Technologies and Management”

How can energy management contribute toward your plant or business achieving its lowest long-term manufacturing cost? This will be one key to success in chemical manufacturing and refining in the coming decade. This conference will examine the tools in the Engineer’s Toolbox, from the **best practices in programs** and **new technologies** that are proving themselves today, to the **management strategies** that sustain results.

Session topics will address issues of interest to engineers in the chemical manufacturing and petroleum refining industries that are facing high energy prices, while continuing to meet stricter NOx emission standards on their combustion units. In addition to the sessions on **energy management topics** and **Showcase companies**, a **special series of sessions will highlight NOx reduction technology implementation case studies**.

Papers will be selected based on a review of abstracts by the Showcase Planning Committee. Papers must not be commercial in nature. Papers by owner/operators are especially encouraged.

This program builds off the 2003 Texas Technology Showcase, which you can view on the web at <http://texasiof.ces.utexas.edu/texasshowcase/index.html>

Session Topics:

Papers are requested on the following topics:

- NOx Reduction Technologies and Strategies (Case studies are requested from owner/operators or joint presentations by the technology developer and the owner/operator of a combustion unit subject to the NOx Texas State Implementation Plan requirements.)
- Economics and Selling Your Program Successfully
- How to Overcome Energy Sub-Optimization at Your Plant

- How to Incorporate Sustainability into Your Energy Program
- Energy: Achieving Total Employee Involvement
- Supply-Side Strategies
- Benchmarking Energy Use
- Heat Recovery
- Steam (projects, case studies, new technologies)
- New Technology Implementation (case studies from end-users)
- Integrating Energy Management into Your Other Plant Improvement Processes
- Driving Energy to the Operator
- Distillation Optimization
- Process Controls
- Assessment Methodologies
- The Role of an Energy Manager in the Organization of the Future
- Metering and Monitoring
- Alternative Energy Projects at Industrial Sites
- Energy Management Programs
- Combined Heat and Power
- Furnaces

Hosts:

- Texas Industries of the Future
- Texas State Energy Conservation Office
- Texas Commission on Environmental Quality
- US Department of Energy Office of Energy Efficiency and Renewable Energy

Showcase Planning Committee:

The Showcase planning committee includes the following individuals:

- Terry Welch, Conference Chair, The Dow Chemical Company
- Doug Deason, Chair, NOx Reduction Technologies and Strategies Track, ExxonMobil
- Bruce Marantis, Chevron Phillips Chemical Company, LP
- David Allen, Ph. D, University of Texas at Austin
- Dennis Griffith, South Texas Section of the American Institute of Chemical Engineers
- Dennis Kos, Sterling Chemicals Inc., Texas City Plant
- Gary Faagau, Tesoro
- Jeff Hackworth, Rohm & Haas Texas
- Ken Brown, Valero Energy Corporation
- Paul Judice and Atiq Sediqi, Texas Commission on Environmental Quality
- Sean Diamond, Texas Petrochemicals LP
- Warren Heffington, Ph. D, Texas A&M University Industrial Assessment Center

Program Format:

The two-day conference will include three plenary sessions, four concurrent technical tracks on both days, an exhibit hall with 35 technology and service providers, and Showcase company case studies. Presentations will be 30 minutes in length, including Q&A.

One Page Abstract
Texas Technology Showcase 2006
Dec. 6 and 7, 2006

Galveston Island Convention Center, Galveston, Texas
Submit your Abstract by June 23 to Kferland@mail.utexas.edu
www.ShowcaseTexas.org

Name of Presenter(s):

Company:

Phone:

Email:

Presentation Title:

Session Topic This Paper Will Address (See list on pages 1 and 2):

Abstract: