



## Texas Industries of the Future

### AUGUST 2014 NEWSLETTER

**“ENERGY EFFICIENCY AND ASSET OPTIMIZATION” WILL BE THE TOPIC OF THE OCT. 9 ENERGY FORUM**, to be held in conjunction with the AIChE Southwest Process Technology Conference in Galveston, Texas. The early bird discount ends Aug. 8. Registration is now open at <http://www.aiche.org/conferences/southwest-process-technology-conference/2014> Below is the session line-up. The full program and abstracts can be found at the AIChE event website.

<b>Speaker</b>	<b>Topic</b>
Alan Rossiter Rossiter & Associates	<i>Identifying Energy-Efficiency Opportunities in the Process</i>
Ashutosh Garg Furnace Improvements	<i>New Damper Design Saves Energy in Fired Heaters</i>
Intan Hamdan, Core R&D, The Dow Chemical Company, Scott J. Bury and Rene Diaz, The Dow Chemical Company	<i>Energy Systems Model: Discrete Event Simulation Tool to Facilitate Capital Decisions</i>
Qiang Xu Associate Professor Dan F. Smith Department of Chemical Engineering Lamar University	<i>Flare Minimization during Ethylene Plant Turnaround Operations via Dynamic Simulation and Optimization</i>

**REPORT OUTLINES “GUIDE TO LOW-TEMPERATURE WASTE ENERGY RECOVERY TECHNOLOGY SELECTION”.** Attendees at the *Technology Forum: Low Temperature Waste Energy Recovery in Chemical Plants and Refineries*, convened on May 16, 2012, identified the need for a better guide to low-temperature waste energy recovery technology selection. Due to the short time available at the *Technology Forum*, the Guide was not defined in sufficient detail to progress the idea. This report summarizes the results from an industry workgroup convened after the *Technology Forum* to define the scope and function of the Guide. End-users envisioned the Guide as a web-based expert system that would assist them to identify technology categories or products that can use low temperature (<400 °F) waste energy at chemical plants and refineries. Find the report at <http://TexasIOF.ceer.utexas.edu>

## **MARK YOUR CALENDARS! TEXAS INDUSTRIES OF THE FUTURE UPCOMING EVENTS IN 2014**

- *Texas Industrial Energy Management Forum* held in conjunction with the AIChE Process Technology Conference, Oct. 9, 2014, Galveston, Tx. Registration open.
- *Texas Industrial Water Management Forum*, Nov. 6, 2014, Houston, Tx. Registration will open Oct. 1, 2014.

Professional development hours are available for participation in all programs.

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Kathey Ferland  
Texas Industries of the Future  
Center for Energy and Environmental Resources  
The University of Texas at Austin  
512-232-4823  
[kferland@mail.utexas.edu](mailto:kferland@mail.utexas.edu)  
<http://TexasIOF.ceer.utexas.edu/>