

# The South Texan

2003 Marx Isaacs Award for Outstanding Large Section Newsletter



## Meeting At-A-Glance

- Location: Hilton Houston Hobby Airport
- Three Workshops
- Networking 6-7 PM
- Dinner at 7 PM
- Speakers at 8 PM

## Inside this issue:

<a href="#">Workshop Details</a>	2
<a href="#">Meeting Signup Details</a>	3
<a href="#">ENVIRON Seminar</a>	4
<a href="#">Meeting Sponsors</a>	5
<a href="#">YP Events</a>	6
<a href="#">From The Editor</a>	6
<a href="#">Elections</a>	8
<a href="#">New ENV Workshop Chair</a>	9
<a href="#">Gulf Coast Butadiene Producers Symposium</a>	10-11
<a href="#">Contact Information</a>	13
<a href="#">Subscribe/Unsubscribe</a>	13

The October meeting is graciously sponsored by ENVIRON International Corp.

See page 3 for reduced pricing info!

ENVIRON®

Monthly Meeting October 2, 2008

Location: Hilton Houston Hobby Airport

**Green House Gas—What It Really Is and What It Means To You**

**Speaker: Steven H. Ramsey, P.E., BCEE, Principal Consultant, ENVIRON**

**Abstract:** The ratification of the Kyoto Protocol and the implementation of the European Union's Emissions Trading Scheme in early 2005 were significant landmarks in the development of climate change infrastructure at an international level. In parallel with these initiatives, other programs for management of greenhouse gas (GHG) emissions are being developed by both government and the private sector. Examples include the Regional Greenhouse Gas Initiative (RGGI) in the Northeastern US, the Chicago Climate Exchange (CCX), the Climate Registry, and the Carbon Disclosure Project (CDP).



While facilities in Texas and Louisiana are currently not affected by mandatory GHG management requirements, this is about to change. EPA recently issued a proposed rule that mandates reporting of GHG emissions. Both presidential candidates support the regulation of GHG emissions, with Senator McCain having sponsored several past pieces of legislation that would have established mandatory cap-and-trade programs. Ready or not, carbon management is coming to the Gulf Coast.

This presentation will provide an overview of GHG initiatives that may affect Gulf Coast business in the near future and what kind of response will be required of industry. Also discussed will be some of the opportunities available to industry to manage and reduce GHG emissions.

**Bio:** For over 20 years Mr. Ramsey has provided advisement and technical support services to a wide variety of private and public sector clients. His areas of expertise include air quality planning and management, permitting, assessment and implementation of federal point source emission standards, Texas State Implementation Plan (SIP) development and implementation, compliance auditing, and carbon management. He draws on this knowledge to negotiate complex technical agreements and permits with regulatory agencies, advocate client positions during rulemaking, assist clients in developing compliance programs, and provide technical expertise to legal counsel during agency negotiations and enforcement proceedings. His recent work includes the conduct of a number of air quality investigations used by the Texas Commission on Environmental Quality in their Houston-Galveston-Brazoria Area ozone SIP development efforts.

## Workshop Details: Workshops begin at 5:30 PM

### Process Engineering/Plant Operations (PE/PO): Radioisotope and Chemical Tracer Applications in the Refining and Chemical Industries

**Speaker:** Dave Ferguson, Business Development Manager – Tracers, Tracerco

**Abstract:** In all chemical plants and refineries there is a lack of instrumentation about the processes. During the design phase, decisions have to be made between knowing more about the process, which means buying more instruments, and saving capital funds. The information available to operations personnel is then a compromise between what is required to safely operate the plant and what would be useful.

When a problem appears with the operation of a vessel, there are always gaps in the knowledge of what is happening due to a lack of instruments in the places where knowledge is not normally required. Process engineers and operations personnel need to know what is happening so they can take corrective action. When knowledge is missing, they often take actions that make matters worse.

The injection of tracers into process streams and vessels has always been a useful way to gain extra knowledge so appropriate corrective action can be implemented more quickly. This presentation will focus on the use of radioisotope and chemical tracers and the information that can be obtained from their application

**Bio:** Dave Ferguson was graduated in 1980 from Texas A&M University with a B.Sc. in Chemical Engineering. He has worked for Olin Corporation, Dow Chemical, and Tracerco in various research, engineering, commercial, and management roles. He is currently the Business Development Manager – Tracers.

### Process Safety Management (PSM): Improved Process Safety Management and Simple Metrics

**Speaker:** Jack Chosnek, PhD, P.E., KnowledgeOne

**Abstract:** A process safety management (PSM) system was implemented at Gulf Coast Waste Disposal Authority (GCDWA) to enable management of the increased risks brought about by the introduction of large quantities of oxygen in the processing of chemical waste. This was a voluntary effort by GCWDA since they don't fall under the OSHA PSM Standard (29 CFR 1910.119). A tailored system was developed that could comply with the OSHA Standard if necessary, but included additional elements that improved on it and that are practiced in the U.S. leading chemical companies.

These elements include Management Commitment, Management Review, Conduct of Operations and Continuous Improvement. In order to allow for continuous and proactive management review simple metrics were created for each of the PSM elements rather than depend on a periodic audit or the common use of incident statistics.

This presentation will deal with the implementation of the PSM system from both the perspectives of the consultant that helped in the implementation and the facility management that had to adopt it. The successes and some of the barriers for implementation in a small company will also be discussed as well as the management success in the year after its implementation.

**Bio:** Jack is a consultant in Process Safety Management and Knowledge Management and has over thirty years of experience in the petrochemical industry. He started his career with Celanese Chemicals where he held positions in R&D, Pilot Plant Operations, Joint-Venture Projects, Process Safety Management and Technology Management.

He has consulted for companies in the chemical, refining, oil and gas, waste management and mining industries, developing policies and implementing process safety management systems, facilitating PHAs, writing operating procedures, investigating incidents, and conducting process safety audits. He has developed software for PHA facilitation and Management of Change (MOC). He chaired the 2008 Process Plant Safety Symposium which was part of the 4<sup>th</sup> Global Congress on Process Safety.

Jack has a BS and MS from the Technion—Israel Institute of Technology, and a PhD from the University of Missouri at Rolla, all in Chemical Engineering, as well as an MBA from Texas A&M—Corpus Christi. He is the holder of three patents related to chemical production.

### CAST: Using the API Technical Data Book to Quantify Environmental Impacts

**Speakers:** Todd J. Willman, P.E., Epcon International

**Abstract:** Learn how to use the 20+ programs and search the 16 chapters of the latest 8<sup>th</sup> Edition of the popular API Technical Data Book including the 3-phase flash for accurate hydrocarbon-water liquid phase predictions useful for quantifying the environmental impacts. This electronic version allows for searching each chapter for keywords and the electronic index allows direct loading of applicable software programs. If your company is listed below, you already have access to a corporate wide license within your company – for those not listed, a complimentary 3 month license will be provided to attendees.

Bechtel, BP, Chevron, Citgo, ConocoPhillips, Fluor, Foster-Wheeler, Jacobs, KBR, Marathon, PDVSA, Shell, Sunoco, Valero

Come learn how easy it is to understand and fully utilize thermodynamic concepts for chemical engineering applications in the petroleum industry using the American Petroleum Institute thermodynamic standard on Petroleum Refining.

**Bio:** Todd J. Willman, PE has over 25 years of experience developing simulation software tools for chemical engineers and co-founder of EPCON International (Houston, Texas).

## Meeting Registration Information

Pre-register for the monthly meeting at: <http://www.sts-aiche.org/register.php>.

Reservations are accepted until 4 pm the Tuesday of meeting week.

You may also **cancel a reservation** using this link. Please cancel your reservation if you have made one and find that you are unable to attend.

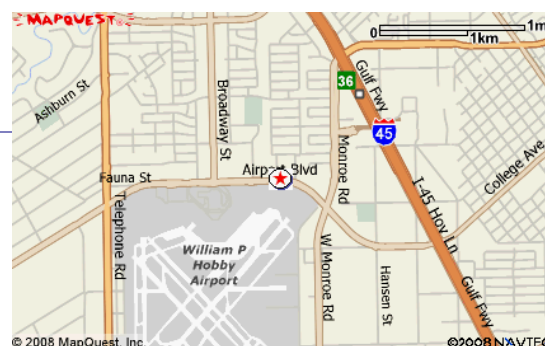
In response to hurricane Ike, the dinner meeting pre-registration cost for the October 2nd meeting sponsored by Environ has been reduced to \$10 (\$5 for students/unemployed). The at-the-door pricing is \$20/\$15. This would be a great way to come out and see how STS-AIChE can help you start-up your facility more efficiently to avoid any negative, environmental impacts and learn what is ahead in the near future to meet Green-House Gas emission standards for your company.

In addition, the deadline for pre-registration has been extended to Wednesday at 4 PM.

	<u>Pre-registered</u>	<u>At the door</u>
Regular/Retired	\$10	\$20
Student/Unemployed	\$5	\$15

## Meeting Location - Hilton Houston Hobby Airport

The October meeting will be held at the Hilton Houston Hobby Airport. To use your own mapping program for directions, the address is 8181 Airport Boulevard, Houston, 77061. Click on the map to the right to open the map site.



## Special Announcement—November Plant Tour!

Prior to the November 6 dinner meeting, a tour of the **KBR Technology Center** is being offered from 4 pm to 5 pm. There is no cost for the tour. There are 15 slots available. A shuttle bus will be provided from the Crowne Plaza Hotel, Houston I-10 West (I-10 and SR 6) to the facility for those who are interested. For more information about the Tech Center, please visit

[http://www.kbr.com/technology/technology\\_center](http://www.kbr.com/technology/technology_center).

If you are interested in attending, please email [chair-elect@sts-aiche.org](mailto:chair-elect@sts-aiche.org) to reserve your spot today!

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## Calendar of Events—Upcoming Meetings

Meeting Date	Sponsor	Location	Dinner Speaker Topic	Workshops
November 6, 2008	KBR	Crowne Plaza I-10 West	3D Engineering/CAD Systems	Energy in New Design Symposium
December 4, 2008	Young Professionals	TBD	Family/Significant Other Night	None
January 8, 2009 <b>*2nd Thursday</b>	Jacobs	Westchase Hilton	Petrochemical Pricing	4
February 5, 2009	TBD	TBD	(Student Awards Night)	4
March 5, 2009	TBD	TBD	(Regional AIChE Trade show)	4
April 2, 2009	Epcon, Int'l	Brady's Landing	(Energy Forum)	Energy Forum
May 7, 2009	TBD	TBD	(STS Awards Night)	4

## ENVIRON Wastewater Treatment Seminar and Environmental Symposium

The South Texas Section of AIChE and ENVIRON International Corp. are hosting an Industrial Wastewater Treatment Seminar and Environmental Symposium at the Hilton Hobby Hotel (the dinner meeting location) on October 2, 2008 beginning at 9 AM. The seminar will last until 5 pm, in time for the pre-dinner workshops at 5:30 pm.

The seminar presenters include ENVIRON principals Carl Adams, Sam Shelby, Andy Edwards, and Pat Campbell—leaders in design and operational techniques for the Activated Sludge Process. The event will provide seven professional development hours (7 PDH) for professional license holders. Breakfast and lunch will be served and a day-long exhibition forum will take place simultaneously, featuring local environmental service providers and engineering firms.

The detailed description of the agenda, including speaker bios, may be found at

[http://sts-aiche.org/STS-ENVIRON\\_Technical\\_Program.pdf](http://sts-aiche.org/STS-ENVIRON_Technical_Program.pdf).

### PRELIMINARY TENTATIVE SCHEDULE

9 am	Introduction	
9:15-10:45	Expectations of Today's Activated Sludge Systems	Dr. Carl E. Adams, Jr., P.E. / Sam E. Shelby, Jr. P.E.
11-12:30	Comparative Overview Of Commercially Competitive Activated Sludge Configurations for Industrial Wastewaters	Dr. Carl E. Adams, Jr., P.E. / Sam E. Shelby, Jr. P.E.
12:30-1:30	Lunch (Included)	
1:30-2:45	Activated Sludge Treatment Plant Troubleshooting	Patrick J. Campbell, P.E.
3-4:30	Wastewater Operations Monitoring for Predicting Treatment Plant Performance	Andrew W. Edwards, P.E. / Janet F. McKinney, P.E.
4:30-5	Question and wrap up	

If you register on-line with the STS shopping cart by 11:59 PM on **September 29**, the price is \$80. Afterward, cash and checks only will be accepted at the door for \$120. (The deadline was extended due to Hurricane Ike.)

A 50% discount is available on all rates for students and government employees. Proof of IDs at the door will be required in order to redeem discounted rates; full at-the-door rate will be required otherwise. To obtain this discount, use the discounted item in the shopping cart.

Attendance for the exhibition only is FREE.

Register online using the STS online shopping cart:

<http://www.sts-aiche.org/zen-cart/>.

Select **Seminars/Symposia**. If you need any assistance, please contact [creditcards@sts-aiche.org](mailto:creditcards@sts-aiche.org).

Please contact [liao.jotsu@gmail.com](mailto:liao.jotsu@gmail.com) for more information about the seminar.



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## Upcoming YP Events

Summer is over and the STS AIChE Young Professionals are already well into our activities for the year. After a terrific happy hour at Cadillac Bar in late August and a marathon planning session in late July the group has several events scheduled for the next few months.

October will be a fun month for YP as we hold our **second annual picnic**. This year we have reserved a great space in Memorial Park and we'll have fajitas and everything that goes with them! Bring your Frisbee, volleyball, friends, family and pets, everyone is welcome. Come any time between 11am and 3pm on **October 4<sup>th</sup>**, we can't wait to see you!

Keep checking our website for events from our partner organizations: Young Professionals in Energy (YEP), National Society of Black Engineers (NSBE), and Young Environmental Professionals (TAEP YEP).

Best Regards,  
Jasmine Lee  
[secretary@sts-aiiche.org](mailto:secretary@sts-aiiche.org)

### Young Professionals Annual Picnic

Saturday, October 4<sup>th</sup>, 11am-3pm

Memorial Park

Fajitas, Frisbee and fun! Bring your pets, spouses, kids and friends. All members of the AIChE community are welcome. No fee and no registration.

Check the website for directions and picnic area location! [www.yp.sts-aiiche.org](http://www.yp.sts-aiiche.org)

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## From the Editor

Hurricane Ike affected the entire Houston area, whether we were directly hit by the storm or just the outer effects of it. We all hope that you and your family are safe and sound, and did not suffer too greatly by the storm.

Our newsletter is late this month. Many of our information providers lost power, or lost internet, or are still displaced from their homes. But we have all pulled together, and we must forge on. The Hilton Houston Hobby Hotel has confirmed that they are open for business as usual and are ready for us to have our meeting. Time marches on, and we must fall into step with it.

My company's office, located downtown, was closed for most of the post-Ike week. My family in Florida teased me that it must have been great to have so many free vacation days—but it was certainly no vacation! I was thrilled to get back to work, back to the normal routine, back to the familiar. After a storm or any sort of disaster, it is good to be able to get back to a normal routine and move forward with life.

There's still more recovery to come, particularly in the hardest hit areas. But we will recover. Hopefully we've learned valuable lessons we will apply next hurricane season.

Susan Cannon  
Editor

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## PROMOTING ADVANCED MATERIALS ACROSS THE ATLANTIC

A UNIQUE OPPORTUNITY TO LEARN ABOUT NANOTECHNOLOGIES AND  
ADVANCED MATERIALS IN EUROPE

**DATE:** Friday, **October 17, 2008**  
**TIME:** 8:30 am to 1:00 pm  
**LOCATION:** Houston Technology Center  
410 Pierce St  
Houston, Texas 77002

### DETAILS:

The Belgian Trade Commission, through its Walloniatechprogram, ([www.walloniatech.org](http://www.walloniatech.org)) is hosting a seminar on advanced materials, including **nanomaterials**. **Wallonia**, the French speaking region of Belgium, is rapidly expanding in international markets with its development and manufacturing of new materials. Extensive expertise in this area has created solid **cooperation between businesses, research centers and universities**. Some of **the most prominent European material manufacturing companies** will share their strategies and ideas on this exciting technical and business challenge. Wallonia is already a recognized participant in this field and can provide significant business and technological collaboration benefits.

**While providing a comprehensive picture of the advanced material industry in Europe and the US, academic and industrial speakers will address the following questions:**

- *What is the technical and economic future of advanced materials and nanomaterial science in Europe?*
- *What are the principal “focus areas” of applied research in Europe?*
- *What are the main challenges facing the industrialization of nanomaterials in Europe and in the US?*
- *How can US companies benefit from existing European research and other European resources? What are the potential transatlantic synergies?*
- *How and where can US companies find competitive technical and industrial resources to complement or accelerate their international expansion in the sector of the nanomaterials industry?*
- *How can a US material-manufacturing company finance its expansion in Europe?*
- *How can a Small to Medium sized Business (SMB) approach international expansion “early-on” as they develop their business in the dynamic nanotechnology sectors ?*

**RSVP :** Cost to attend: **\$25** - A catered breakfast will be provided

Registration and complete program details: log on to <http://www.houstontech.org/en/cev/?731>

or call 713-658-1750 (HTC) or 713-863 1110 (Belgian Trade Commission)

The registration deadline is Thursday, 16 October 2008, 5:00 PM (Central Time). Register today!

## 2009 STS Officer Elections—It's that time again!

It's time once again to elect select officers for 2009. The Chair-Elect is elected every year. This year, the positions of Treasurer, Position 1-Education and Position 3-Communications are up for re-election.



Currently paid-up members of the National AIChE as well as the South Texas Section are eligible to vote. We confirm membership information with the National organization. Please ensure your dues are up to date!

A web page has been set up, <http://www.sts-aiiche.org/elections08.htm>, where the candidates and their bios may be reviewed as they are available. Those eligible to vote will be contacted by email.

We will have a ballot box available for voting at the October and November dinner meetings. Confirmation of your National AIChE Member Number will be required to vote at the meetings. You can find your member number either on your renewal form, membership card, or by contacting National via the website <http://www.aiiche.org>.

If you are unable to attend a meeting, you may also vote by regular US Mail or email. The ballot is available online at the website for downloading. To vote by regular mail, print out the ballot and complete. On the outside of the envelope, print your name and National AIChE member number. Any ballots received without your name and member number will not be counted. Mail to:

STS-AIChE Election  
P. O. Box 1741  
Deer Park, TX 77536

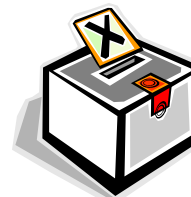
To vote by email, save the ballot (directions on the website) to your computer, complete, and email as an attachment to [Election@sts-aiiche.org](mailto:Election@sts-aiiche.org). Ensure the email contains your National AIChE member number and name, otherwise your ballot will not be counted.

**Balloting will be closed at the end of the November 6, 2008 meeting.**

**\*\*NEW for 2009\*\*** Vote online!! Instructions will be available soon on the election website noted above.

Candidates for 2009 officer positions are:

<b>Chair-Elect</b>	Alan Rossiter, Rossiter & Associates (Unopposed) President
<b>Treasurer</b>	Hiren Patani, Mustang Engineering Process Engineer  Ven Pinjala Process Engineer
<b>Position 1-Education</b>	Lou Diamond, Chevron Technology Company Energy Conservation and Utilities  Yoojung Kim, Solutia Inc. Process Engineer (Current Position 3 Chair)
<b>Position 3-Communication</b>	Nemoy Rau, Jacobs Engineering Process Engineer  Daniel Shiosaki, LyondellBasell Process Engineer





## Welcome new Environmental workshop co-chair

Welcome to our new Environmental workshop co-chair—Akin Olubiye of the TCEQ.

Akin is a Chemical Engineer who trained in the United Kingdom. He has a Masters degree in Process Analysis and Control and a PhD in Chemical Engineering, both degrees obtained at the University of Aston, Birmingham, England. He worked briefly in the UK at the R&D section of a major UK Cement manufacturing company at Greenhithe, Kent before returning to Nigeria where he worked as a Consultant to the Federal Government on Industrial Development with particular emphasis on the Chemical Process Industries. Akin emigrated to the USA in 1995 and worked in the private sector as a Consultant in an Environmental Remediation Consulting company that had clients mostly with Oil Companies in Nigeria. He joined the TCEQ in 2005 as an Engineering Specialist at the Office of the Chief Engineer. He recently transferred to the Houston Regional Office as an Environmental Investigator. He is an American citizen, married with children.

Akin will share responsibility for the Environmental Workshop with Jo-Tsu Liao. Please help us welcome Akin to the STS team!

# SUPER=CHEMS

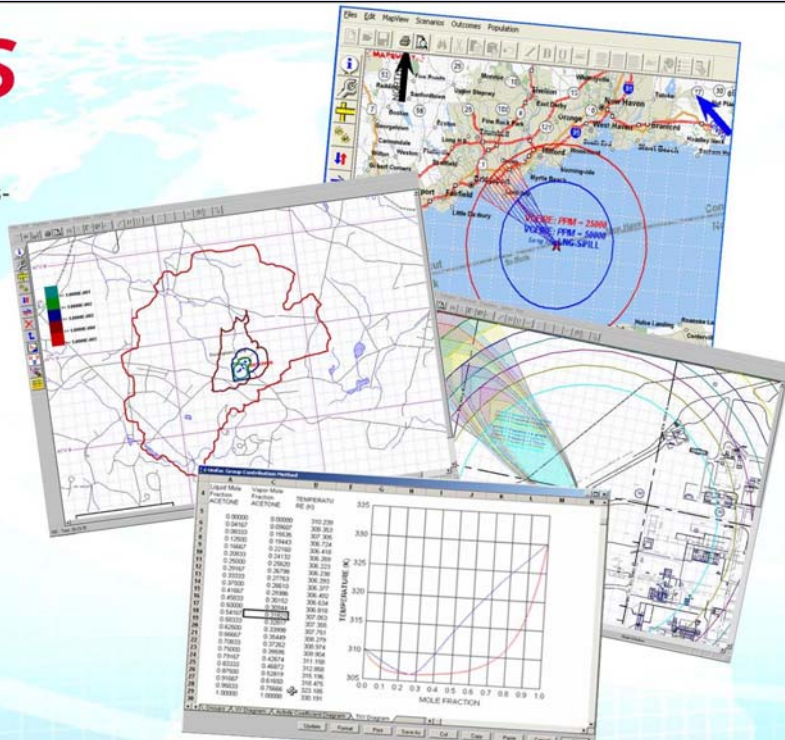
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### Vital Links

South Texas Section website: <http://sts-aiche.org>

South Texas Section Young Professionals Group: <http://yp.sts-aiche.org>

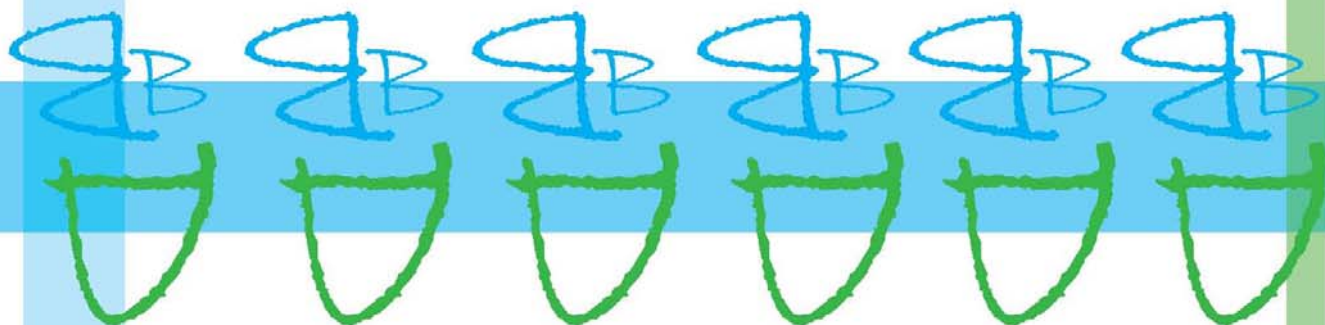
National AIChE website: <http://www.aiche.org/> (Needs Flash Plug-in)

Earn CEP credits at AIChE functions: [http://www.sts-aiche.org/Texas\\_PE\\_CEP\\_Rule.html](http://www.sts-aiche.org/Texas_PE_CEP_Rule.html)

Download the CEP log form: [http://www.sts-aiche.org/STS-AIChE\\_CEP\\_Log.xls](http://www.sts-aiche.org/STS-AIChE_CEP_Log.xls)

Previous Newsletters (PDF format): <http://sts-aiche.org/newsletterArchives.htm>

Link to THIS newsletter: <http://sts-aiche.org/newsletter/news2008/news1008.pdf>



## AIChE Presents:

### Gulf Coast Butadiene Producers Symposium: Topics in Reliability

Sponsored by **Baker Petrolite**

Friday, October 10, 2008 • South Shore Harbour Resort and Conference Center

This symposium and associated exhibition allows attendees to discuss and learn about topics of interest to butadiene producers. Many opportunities to interface with other butadiene plant personnel in the region will be provided.

Symposium topics include: equipment design, feedstock concerns, reliability benchmarking and monitoring.

#### Agenda

8:30 a.m.	Pre-Registration
9:00 a.m. – 3:00 p.m.*	Presentation Sessions
3:00 p.m.	Q&A Forum

*\*Lunch will be provided*

#### Presenters

Baker Petrolite  
BASF  
KLM Technology Group  
Quantum Technical Services  
Solomon Associates

#### Cost

The Gulf Coast Butadiene Producers Symposium: Topics in Reliability, presented by AIChE and sponsored by Baker Petrolite, is complimentary for our invited guests and includes admission to the presentations listed on the Symposium agenda, as well as a continental breakfast and lunch.

All other expenses are the sole responsibility of the attendee, including overnight accommodations and incidentals.

#### Registration

**Pre-register for the Symposium by Friday, September 26th!**

It's quick and easy...simply complete and return the attached form to Jessica Clements by e-mail (Jessica.Clements@bakerpetrolite.com) or fax (+1-281-275-7218). Space is limited so register now!

#### Hotel Accommodations

South Shore Harbour Resort  
2500 South Shore Boulevard  
League City, Texas 77573

South Shore Harbour Resort has set aside a block of rooms for Thursday night, October 9, 2008. To reserve a room at the conference rate of \$120.00 per night, please contact the Resort at +1-800-442-5005 or +1-281-334-1000, extension 550, by Thursday, September 18, 2008.

When making your hotel reservation, be sure to reference "Gulf Coast Butadiene Producers Symposium" to get the \$120.00 per night rate.



## Registration Form

**Gulf Coast Butadiene Producers Symposium: Topics in Reliability**  
**Friday, October 10, 2008 • South Shore Harbour Resort and Conference Center**

**Registrations are due by Friday, September 26th!**

Please register me for Gulf Coast Butadiene Producers Symposium: Topics in Reliability, presented by AIChE and sponsored by Baker Petrolite.

Please indicate one: Dr. ☐ Mr. ☐ Mrs. ☐ Miss ☐ Ms. ☐

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Are you a member of AIChE (please check one)? ☐ Yes ☐ No

Are you attending the Symposium in order to receive a learning credit (please check one)? ☐ Yes ☐ No

If you have a question you'd like the panel to consider addressing during the Q&A Session, please include it here:

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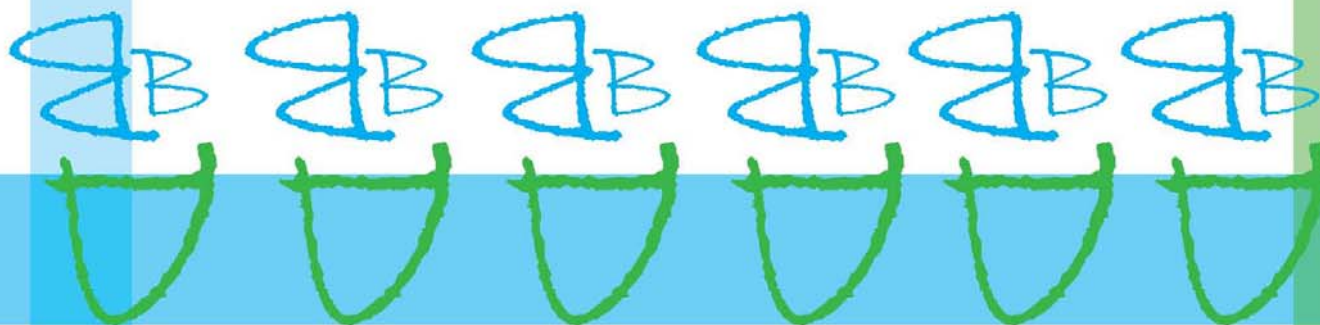
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Reminder! Overnight accommodations can be made by contacting South Shore Harbour Resort at +1-800-442-5005 or +1-281-334-1000, extension 550. In order to get the conference rate of \$120.00 per night, you must reserve your room by Thursday, September 18, 2008, and reference "Gulf Coast Butadiene Producers Symposium" when making your reservation.

**Please return completed form to Jessica Clements by e-mail ([Jessica.Clements@bakerpetrolite.com](mailto:Jessica.Clements@bakerpetrolite.com)) or fax (+1-281-275-7218).**

**Space is limited so register now!**





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## South Texas Section AIChE

South Texas Section  
P. O. Box 1741  
Deer Park, TX 77536-1741

### *2008 Officers and Contact Information*

#### Officers

**Chair** David Silarski  
chair@sts-aiche.org

**Chair Elect** Todd Willman, Epcon International  
Chair-elect@sts-aiche.org

**Past Chair** David Karesh, Jacobs Engineering  
Past-chair@sts-aiche.org

**Secretary** Jasmine Lee, Siemens  
secretary@sts-aiche.org

**Treasurer** Shane Tierling, KBR

#### Executive Committee

**Position 1: Education**  
Chris Knudsen  
position1@sts-aiche.org

**Position 2: Outreach**  
Ken Cox  
position2@sts-aiche.org

**Position 3: Communications**  
Yoojung Kim  
position3@sts-aiche.org

**Position 4: Human Resources**  
Pete Belmonte, ENSR | AECOM  
position4@sts-aiche.org

#### Volunteers

**Arrangements** Richard Newman, Criterion Catalysts

**Membership** Jerry Gresham, Gresham & Gresham

**Young Professionals** Hui Zhao, KBR

**Awards** Tom Menn

#### SOUTH TEXAS SECTION MISSION STATEMENT

As a section of AIChE, we serve chemical engineering professionals in the South Texas region through education, professional development, and networking.

#### Vision 2008

We will become an organization with a strong and active membership. We will accomplish this through:

1. Increasing awareness of the South Texas Section of the AIChE
2. Improving relevancy of our programs
3. Improving our governance
4. Hospitality/Welcoming/Social

*The South Texan* is issued monthly, except June, July and August, by the American Institute of Chemical Engineers, South Texas Section. Opinions expressed are those of the authors and not of AIChE. The newsletter is published electronically.

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#### —— MAINTAIN YOUR CONTACT INFORMATION WITH STS ——

Maintain your contact information with the South Texas Section using the online community:

<https://www.memberconnections.com/olc/pub/CHM/>

To update your information, log in, then select [Member Directory](#).

Select the link to [View/Update Your Online Directory Listing](#).

Contact the New York office for PERMANENT ADDRESS CORRECTIONS:



[xpress@aiiche.org](mailto:xpress@aiiche.org)



1-800-AIChemE (1-800-242-4363)



AIChExpress Service Center  
3 Park Avenue  
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## *The South Texan Newsletter Crew*

WHAT DO YOU THINK OF THE NEWSLETTER? We want to know!

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Newsletter Editor

Susan Cannon  
KBR  
601 Jefferson Avenue  
Houston, TX 77002  
(713) 753-8626  
[SusanCannon119@aol.com](mailto:SusanCannon119@aol.com)

Submit an article! Contact:

Matt Kolodney  
TCEQ  
5425 Polk Avenue, Suite H  
Houston, TX 77023-1486  
(713) 767-3752  
[mkolodne@tceq.state.tx.us](mailto:mkolodne@tceq.state.tx.us)

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