



Monthly Meeting October 4th, 2012

Central Location: South Shore Harbor Conference Center
(Social Hour at 4.30 PM, Dinner at 6 PM)

Satellite Location: Rico's Mexican Grill, (Sawdust Rd
location in The Woodlands) Dinner at 6 PM.

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Special Process Technology Conference Edition

October Dinner Meeting Sponsored by Saudi Aramco



أرامكو السعودية
Saudi Aramco

Abstract: TBA (Check the website <http://sts.aiche.org/> for updates)

Bio: TBA (Saudi Aramco will provide the speaker. Check the website <http://sts.aiche.org/> for updates)

Meeting Registration Information

Membership in STS-AIChE is a bargain at \$20/year. If you wish to become a member, you may join at the registration desk at the meeting.

	Pre-Registration Members	Pre-Registration Non-Members	At the door Members	At the door Non-Members
Regular/Retired	\$28	\$35	\$35	\$45
North Houston satellite meeting location	\$8	\$10	\$20	\$20

NOTE: You have until 4 PM CST on October 3rd to pre-register online. After that, you will be required to pay the higher cost at the door.

Pre-registration for the **main** meeting at **South Shore Harbor** is now open through our website at: <http://sts.aiche.org/event/sts-aiche-october-monthly-dinner-meeting>

Pre-registration for the **Satellite** meeting at **North Houston** is now open through our website at: <http://sts.aiche.org/event/sts-aiche-october-2012-north-houston-satellite-meeting>

Meeting Location— South Shore Harbor Conference Center



This month's meeting will be held at South Shore Harbor Conference Center (2500 South Shore Blvd, League City, TX). Double click on the map to the left for directions from your location. The satellite meeting will be held at [Rico's Mexican Grill](http://ricosgrill.com/locations.php), (Sawdust location) at 314 Sawdust Rd, The Woodlands, TX, 77380. Double click on the map below for directions. This location provides a quiet, private room upstairs for meeting. More details are included in the next section below.

North Houston Satellite Meeting Information

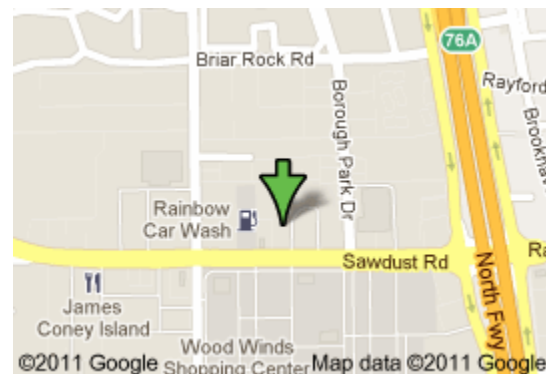
Join us without driving too far for some local networking at The Woodlands/North Houston satellite meeting! We have our own social/networking program.

Due to the wonders of modern technology we have access to the great speakers provided by STS. This month's meeting will once again be at Rico's Mexican Grill at 314 Sawdust Rd, The Woodlands, TX, 77380 (<http://ricosgrill.com/locations.php>). On-line pre-registration is available but not required. Order your dinner off the restaurant menu. Contact Ken Walter or Chris Tagoe (kk.walter@comcast.net or cctagoe@yahoo.com) with questions or special needs. Guests are welcome, please spread the word!

Schedule:

- ◆ 6:00 PM Dinner. (order off the menu)
- ◆ 6:45 PM Remote tie-in with STS-AIChE technical program

All guests are welcome!



AIChE Regional Process Technology Conference



The South Texas Section of the AIChE, in partnership with AIChE HQ, is hosting its 4th Regional Process Technology Conference at the South Shore Harbour Resort and Conference Center, on the shores of Clear Lake in League City, Texas, October 4 & 5, 2012. The conference provides technical sessions, industry solutions in process technology, and networking opportunities. In its first three years the conference has established a solid reputation within the process engineering community, attracting well over 300 participants each year. This year, with a more accessible venue on the mainland, the conference is expected to be even bigger and better, with more regional participation from the largest concentration of petroleum refining, chemical processing, engineering and technology firms in the U.S. You don't want to miss it!

You will find the program on the conference website at:

<http://www.aiche.org/conferences/regional-process-technology-conference/2012>.

This year, in addition to established tracks such as oil refining, chemical process technology, energy efficiency, process safety, catalysis and simulation, we are

adding a new session on upstream oil and gas. This is intended as a primer for process engineers, and builds on the very successful recent dinner meetings on upstream topics. In addition, we will continue our tradition of running a YP technical session, and closing the conference with a mixer sponsored by our YP group. To register for the mixer, go to <http://sts.aiche.org/content/aiche-regional-process-technology-conference-post-conference-mixer>.



We need volunteers to help on-site at the conference. Volunteers get free registration for the day they serve. Please contact Dave Silarski (DSilarski@advancedaromatics.com) for additional details.

Registration for the conference is now open through the website,

<http://www.aiche.org/conferences/regional-process-technology-conference/2012/register-now>.



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Conference Program at a Glance



Meeting Locations	
Exhibit, Lunches, Coffee Breaks, & STS Dinner Program	Crystal Ballroom
Technical Session Rooms	Marina Ballroom
	Amphitheater
	Hunt Room
Post Conference Mixer	Poolside Salon

Thursday, October 4, 2012			
8:30 AM	9:15 AM	Opening Keynote Address , <i>Marina Ballroom</i>	
9:30 AM	12:00 PM	Energy & Water in the Process Industries , <i>Marina Ballroom</i>	Coffee Break: 10:30 - 11:00 AM
9:30 AM	12:00 PM	Catalysis & Reaction Engineering , <i>Amphitheater</i>	Coffee Break: 10:30 - 11:00 AM
12:00 PM	1:30 PM	Lunch	
1:30 PM	4:30 PM	Process Safety Management , <i>Marina Ballroom</i>	Coffee Break: 3:00 - 3:30 PM
1:30 PM	4:30 PM	Distillation & Separation , <i>Amphitheater</i>	Coffee Break: 2:45 - 3:15 PM
1:30 PM	4:30 PM	Upstream Oil & Gas , <i>Hunt Room</i>	Coffee Break: 3:00 - 3:30 PM
4:45 PM	5:45 PM	Professional Ethics , <i>Hunt Room</i>	
6:00 PM	8:30 PM	South Texas Section Social Hour & Dinner Program (Ticketed Event)	
Friday, October 5, 2012			
8:30 AM	11:20 AM	Chemical Process Technology , <i>Amphitheater</i>	Coffee Break: 9:40 - 10:10 AM
8:30 AM	11:30 AM	Thermodynamics & Process Simulation , <i>Hunt Room</i>	Coffee Break: 10:00 - 10:30 AM
8:30 AM	11:30 AM	Petroleum Refining Technology I , <i>Marina Ballroom</i>	Coffee Break: 10:00 - 10:30 AM
11:30 AM	1:00 PM	Lunch	
1:00 PM	3:30 PM	Technical Sessions for Young Professionals , <i>Amphitheater</i>	Coffee Break: 2:00 - 2:30 PM
1:00 PM	4:00 PM	Process Development & Chemical Manufacturing , <i>Hunt Room</i>	Coffee Break: 2:00 - 2:30 PM
1:00 PM	4:00 PM	Petroleum Refining Technology II , <i>Marina Ballroom</i>	Coffee Break: 2:00 - 2:30 PM
4:30 PM	7:00 PM	Post Conference Mixer , <i>Poolside Salon</i>	

South Shore Harbour & the League City Area

South Shore Harbour is located south of Houston, directly across the lake from the NASA Johnson Space Center. Here, you can experience space and visit Mission Control, from its dramatic history and exciting present to its compelling future. The hotel is also located minutes from the Kemah Boardwalk, which has quickly evolved from a waterfront dining experience to a family weekend destination, with abundant restaurants and retail specialty shops. Lastly, enjoy western art, music, Longhorn artifacts, and Texas historical items at the Butler Longhorn Museum.

Additional information on the 2012 Regional Process Technology Conference can be found on the [conference website](#).

Letter from the Chair - James Turner

Well the first cool front made it through South Texas, which is always welcome in this part of the country. Soon we will be basking in 80 degree weather while our northern friends are driving through snow and ice.

For those of you able to make it to our September Dinner Meeting, we had a great presentation by Henry Kister. As an associate at Fluor, I have worked with Henry many times, and he is truly a world class distillation expert, and a dynamic and interesting speaker.

We will continue to use PayPal as our online payment program. Most people have been able to register with no problems, but there have been a few people running into minor difficulties. For people new to Paypal – you don't have to open a PayPal account, although it speeds up signup if you have an account (you don't need to re-enter all of the name, address and credit card number each time). Also, make sure you spell your city location right, otherwise PayPal will not take it.

The Regional Process Technology Conference will take place on October 4&5 at South Shore Harbour. Alan Rossiter has done a great job again as the Conference Chair, and Jayce Mathews (Program Chair) and all of the Session Chairs have done a great job arranging for good speakers and interesting sessions. Registration is open on the website. The October Dinner Meeting will be Thursday, October 4th at South Shore Harbour, and will be sponsored by Aramco, who is also providing the Dinner Speaker.

In November, we are pleased to announce that the current AIChE President, David Rosenthal, will be our Dinner Speaker.

And to close out 2012 in style, the YPs are planning our December Social Event, which will be at the Downtown Aquarium. Based on the success of the previous December Social Events, it should be a great time for all!

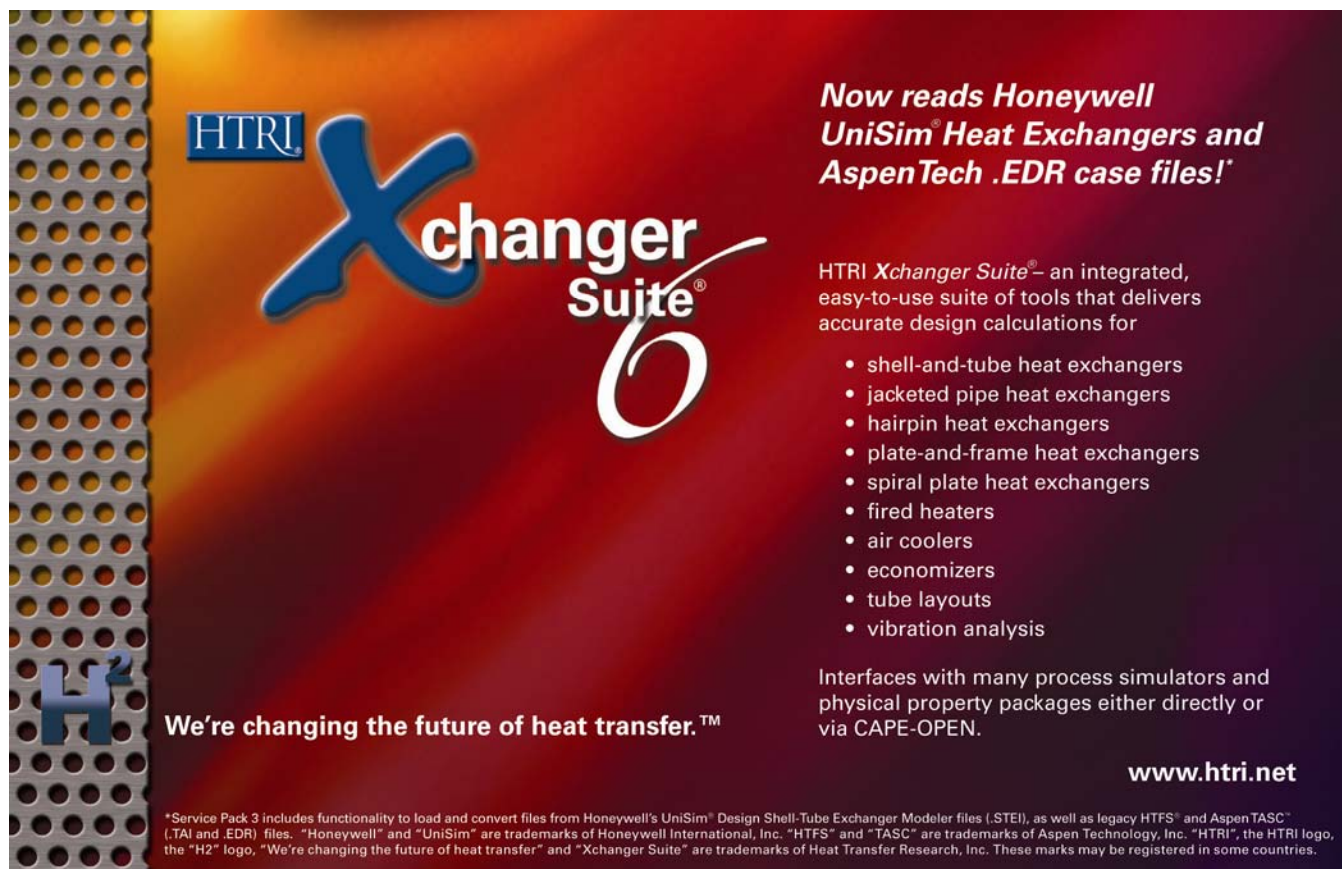
I hope to see you at one of the upcoming meetings. If I haven't met you, come up and introduce yourself!

Best Regards,

James Turner

AIChE South Texas Section Future Meetings & Speakers

Meeting Date	Location	Sponsor	Speaker	Topic
October 4, 2012	South Shore Harbor (with RPTC)	Aramco	TBD (by Aramco)	TBD
November 1, 2012	Brady's Landing	TBD	Dave Rosenthal, Jacobs	What Should Chemical Engineers Know About Reliability and Maintenance
Dec 6, 2012	Aquarium/Downtown	NA	NA	NA



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Thank You Tracerco for Sponsoring the September 13 STS Monthly Dinner Meeting



STS Chair James Turner (C) presents the STS' Meeting Sponsor Appreciation Plaque to Lowell Pless (R) and Scott Vidrine (L) of Tracerco in appreciation of Tracerco's sponsorship of the September 13 Monthly Dinner Meeting.

STS' 2012 Young Chemical Engineer of the Year

Jayce Mathews Honored as STS' 2012 Young Chemical Engineer of the Year

While Jayce Matthews had received his STS' 2012 Young Chemical Engineer of the Year Award at the Young Engineers Award Recognition Dinner on Monday, February 20, 2012, the South Texas Section – AIChE took the opportunity to also recognize Jayce at the September 13 Monthly Dinner Meeting.



Jayce Matthews (L) receives the STS' 2012 Young Chemical Engineer of the Year Award from STS Chair James Turner.

Jayce Mathews holds a masters degree in Chemical Engineering from Texas A&M University-Kingsville and a bachelors degree in Chemical Engineering from LIT, India.

Jayce works as a Process Engineer at KBR where his responsibilities include designing refineries and petrochemical facilities across the globe. He has over six years of experience in the energy industry.

Jayce is actively involved with AIChE where he currently serves as a Director for the Fuels & Petrochemicals Division. He recently served as the Young Professionals Chair for the South Texas Section (STS) of AIChE where he launched several new initiatives to benefit Young Chemical Engineers in the Greater Houston region and also worked on expanding industry-academia relationship by encouraging student participation at AIChE events. Jayce chaired various technical sessions at AIChE's Spring National Meeting and is currently serving as Program Chair of the 4th AIChE Regional Process Technology Conference.

K12 Volunteer Opportunities

AICHE and STS are working to start up K12 outreach programs. We are encouraging STS members to attend various local outreach events and report back to STS and AIChE on their experience. We are encouraging STS members to report back to Matt Kolodney (mkolodne@tceq.state.tx.us) with one-page descriptions of their K12 outreach experiences, what worked well and what didn't. These will be reviewed locally and passed on to the AIChE National K12 program. Some local K12 opportunities are listed below.

HUNSTEM web site: <http://hunstem.uhd.edu/> Already has a wide range of educational resources for use by interested teachers and volunteers. AIChE (national) is encouraging cooperation with organizations such as HUNSTEM.

IEEE http://www.ieee-houston.org/Committees/SAC/Brochure_IEEE%20Houston_7_Oct_2007.pdf This ongoing Houston Area program assists local schools with teacher training demonstrations.

SEFH <http://hunstem.uhd.edu/SEFH/> Science and Engineering Fair of Houston

Houston Museum of Natural Science (<http://www.hmns.org>) has ongoing outreach programs and could use more volunteers.

The Houston Children's Museum (<http://www.cmhouston.org>) also has outreach programs.

For more information, contact Matt Kolodney (713-471-8956) or mkolodne@tceq.state.tx.us.

Call for Volunteers

The Career and Education Operating Council (CEOC) of AIChE (National) has studies underway in several areas of interest to AIChE members. Additional volunteers are needed for committees performing the areas listed below. Working on one of these committees teaches you about the operation of AIChE, as well as teamwork, management, and leadership. Lessons from the latter three will spill over into your job, personal life, and other nonprofit organizations. The committee topics include:

A. Leadership development — New options for the training and development of leaders in AIChE. Our current methods are useful, but we're looking at others, too.

B. Fundraising — There is a modest but significant budget gap in AIChE National, and we can better serve our members if we can shrink it. Additionally, the programming of many local sections could benefit by fund raising.

C. Local Section Committee (LSC) Support — Unlike the STS, many local sections are facing difficulties, and the LSC is developing projects to assist "local sections in need."

D. Membership — The AIChE needs to work on increasing membership of National and of local sections. We're looking for additional good ideas. This includes how to explain the benefits of membership, how to encourage more student members to become YPs and how to encourage more first-time attendees at local section meetings to return and get involved.

E. Communication — Many AIChE members don't seem to learn about AIChE events and programs that they later wish they'd heard about. How can we improve communications with members? This could include mailings, websites, e-mail, telephone, etc.

These studies will involve identifying and evaluating alternatives, preparing "best practices" for local sections, and executing developmental projects. If you might be interested in one or more of these areas, please contact Matt Kolodney (mkolodney1@comcast.net or 713-471-8956)

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South Texas Section AICHE

STS AICHE
P. O. Box 2160
Sugar Land, TX 77487-2160

2012 Officers and Contact Information

Officers

Chair James Turner
sts-chair@aiche.org

Chair Elect Gary Gildert
sts-chairelect@aiche.org

Past Chair Ken Cox
sts-pastchair@aiche.org

Secretary Kelly Richardson
sts-secretary@aiche.org

Treasurer Katherine Leskin
sts-treasurer@aiche.org

Executive Committee

Position 1: Education
Heather Gilligan
sts-position1@aiche.org

Position 2: Outreach
Ramanan Krishnamoorti
sts-position2@aiche.org

Position 3: Communications
Jay Chandrasekaran
sts-position3@aiche.org

Position 4: Human Resources
Teresa Jurgens-Kowal
sts-position4@aiche.org

Volunteers

Arrangements: Richard Newman,
David Silarski

Membership: David Silarski

Young Professionals: Lisa Swanson
(sts-yp@aiche.org)

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 2013

<<To be developed>>



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Our newsletter subscription list is by invitation only.

Subscribe: Click on the following link: [Subscribe](#).

Unsubscribe: Click on the following link: [Unsubscribe](#). Your email address will be removed from the subscriber list.

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@aiche.org



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The South Texan Newsletter Crew

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

Contact us at sts-newsletter@aiche.org with comments, questions, suggestions, and ideas for next month.

Newsletter Editors

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jayachandranc@gmail.com

Submit an article! Contact:

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TCEQ
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mkolodne@tceq.state.tx.us

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