



Monthly Meeting April 4<sup>th</sup>, 2013

Central Location: Pelazzio Banquet Hall, Houston (Social Hour at 6 PM, Dinner at 7 PM)

Satellite Location: Rico's Mexican Grill, (Sawdust Rd location in The Woodlands) Social Hour at 6 PM; Dinner at 7 PM, Technical program at 7:45 PM

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**March meeting is sponsored by Foster Wheeler USA Co.**

**Topic: Pathway to Maximizing Residue Upgrading Margins**

**Dinner Speaker: Steve Beeston**

**Abstract:**

The refinery industry today faces tremendous challenges to meet the growing demand of not only traditional transportation fuels, especially distillates, but also petrochemical feedstocks, including aromatics and propylene. Additionally, the refinery industry needs to increase residue conversion as demand and price differentials for transportation fuels and petrochemicals are increasing, while declining for fuel oil. Refiners who can meet all of these objectives will be highly profitable and set the standard for others to follow.

To meet these objectives, refiners need residue conversion solutions that not only obtain high conversion but also have the flexibility to make intermediate products suitable for further conversion in more selective catalytic processes such as Hydro-cracking when making distillates or naphtha for aromatics production, and FCC when making Propylene.

This presentation will compare options available today to meet these demands and will highlight recent advances made by Foster Wheeler in using established technologies to provide high conversion, cost effective solutions to the residue conversion puzzle.

**Bio:** Steve Beeston is Vice President of Sales & Technology for Foster Wheeler. In this role he manages Foster Wheeler's proprietary technology business line and provides strategic leadership to the sales team. Prior to joining Foster Wheeler, Steve did business development for SNC-Lavalin, Washington Group International and Mustang. He also spent 13 years with UOP in various roles, licensing UOP's refining technology worldwide. Steve started his industry career as a Process Engineer with BP, focused on supporting BP's worldwide refining operations.

Steve is a graduate of University College London and holds an honors bachelors degree in Chemical Engineering.



## Workshops begin at 5:30 PM (Workshops are free and open to public)

### Environmental workshop

**Speaker:** Somnath Basu

#### The Fundamentals of Water and Wastewater Treatment for Industrial Applications

**Abstract:** Water not only supports life on earth, but also is essential for sustaining every aspect of social and industrial development. All kinds of industries use water for various purposes. Unfortunately, a large part of easily available water is not readily usable due to the presence of various contaminants. It needs treatment by chemical and biochemical processes to make it suitable for its end uses. Moreover, the supply of fresh water is fast diminishing as a result of human and industrial activities. It is necessary to treat wastewater for its safe disposal and potential reuse. Proper application and design of water and wastewater treatment processes require a clear understanding of the principles of water chemistry. This presentation will give an overview of water and water treatment processes based upon the principles of water chemistry and microbiology with particular attention to applications in chemical, petrochemical and refining industries. Examples of raw water treatment, wastewater treatment and cooling water treatment for these industries will be presented.

**Bio:** *Somnath Basu practices in the areas of process design and development of water treatment for upstream unconventional oil and gas exploration, and downstream water and wastewater treatment processes for refineries and petrochemical plants. He has over 30 years experience in the design, operations support, and start up and commissioning of large chemical process plants and wastewater treatment plants. He holds BS and MS degrees in chemical engineering and a PhD in environmental engineering. He is Senior Member of the AIChE and a Board Certified Environmental Engineer of the American Academy of Environmental Engineers. He is registered professional engineer in the Commonwealth of Massachusetts.*

### Process Design workshop

**Speaker:** Joe Woodson

#### Overview of Delayed Coking

**Abstract:** This workshop will present an overview of concepts in Delayed Coking, a staple in bottom of the barrel upgrading. Topics to be explored include the following:

- Drivers
- Terminology
- Benefits
- Design features.

**Bio:** *Joseph Woodson is a Senior Process Engineer at Foster Wheeler. He has been a part of the Process Design Department for eight years, working out of Foster Wheeler's Center of Excellence for heavy oils processing in Houston, Texas. Joseph supports a wide variety of engineering activities from proposals, to studies, to detailed design. He supports the Technology Group for delayed coking and solvent de-asphalting technologies, the Coker Core Group for DCU design, in-house training activities, and also serves as a team lead engineer. Joseph is a member of AIChE and holds a degree in chemical engineering from LSU.*



## 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.

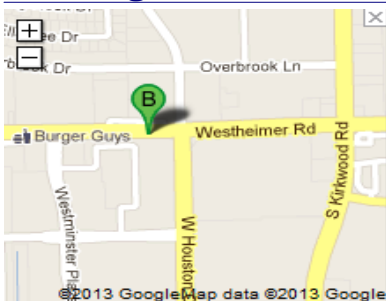
	Pre-Registration Members	Pre-Registration Non-Members	At the door Members	At the door Non-Members
Regular/Retired	\$15	\$25	\$25	\$30
Student/unemployed	\$10	\$15	\$20	\$25
North Houston satellite meeting location	\$12	\$12	\$15	\$15

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

Pre-registration for the main and Satellite meeting is now open through our website at:

<http://sts.aiche.org/>

## Meeting Location—Pelazzio Banquet Hall



This month's meeting will be held at [Pelazzio Banquet Hall](#) (12121 Westheimer Rd, Houston, Texas 77077). Double click on the map to the left for directions from your location. The satellite meeting will be held at [Rico's Mexican Grill](#), (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—Rico's Mexican Grill @ Sawdust Road. \$2 Margaritas!

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

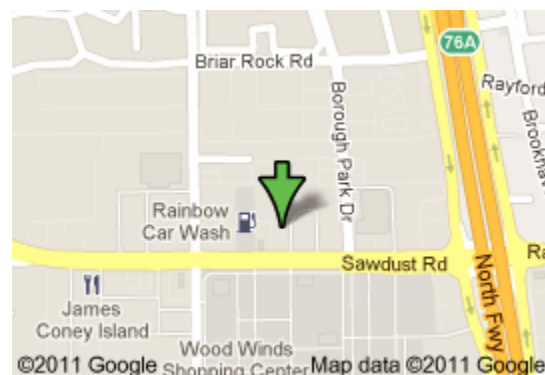
Due to the wonders of modern technology, via closed circuit broadcast from the main meeting site, we have access to the great speakers provided by STS. This month's meeting Thurs., April 4, will once again be at Rico's Mexican Grill at 314 Sawdust Rd, The Woodlands, TX, 77380

(<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](mailto:kk.walter@comcast.net) or [cctagoe@yahoo.com](mailto:cctagoe@yahoo.com)) with questions or special needs. Guests are welcome, please spread the word!

Schedule:

- ♦ 6:00 PM Social hour.
- ♦ 7:00 PM Dinner. Order off the menu
- ♦ 7:45 PM Remote tie-in with STS-AIChE technical program
- ♦ \$12.00 in advance / \$15.00 at the door

All guests are welcome!



## Join 2013 AIChE Southwest Process Technology Conference



The South Texas Section of the AIChE, in partnership with AIChE HQ, is hosting its Fifth Annual Southwest Process Technology Conference (SPTC) at the Moody Gardens Hotel in Galveston, October 3 & 4, 2013. The conference provides technical sessions and industry solutions in process technology, which attract hundreds of chemical engineers from the Greater Houston and Gulf Coast region. Here is this year's preliminary program:

### **Thursday, October 3:**

#### ***Morning Sessions with Keynote***

Track 1: Energy Efficiency

Track 2: Catalysis & Reaction Engineering

Track 3: Thermodynamics & Process Simulation

#### ***Afternoon Sessions:***

Track 1: Process Safety

Track 2: Distillation/Separation

Track 3: Upstream Oil & Gas

#### ***Evening:***

Special Session: Ethics & Professionalism

STS-AIChE Dinner Meeting

### **Friday, October 4:**

#### ***Morning Sessions:***

Track 1: Process Control and Optimization

Track 2: Chemical Process Technology

Track 3: Student Session

#### ***Afternoon Sessions:***

Track 1: Petroleum Refining Technology

Track 2: Process Development/Chem Manufacturing

Track 3: Technical Session for Young Professionals

#### ***Evening:***

Mixer

The attendance at the previous conferences has been up to 400. This year's conference promises to draw an even larger audience as we present an expanded technical program, add a student track and career fair, and introduce popular keynote speaker Lynne Lachenmeyer, ExxonMobil Chemicals' Senior Vice President.

Registration will open soon. Meanwhile, save the date – October 3 & 4 – and make sure you join us in Galveston.

If there's a paper you'd like to present let us know by sending an email to [sptc13@aiiche.org](mailto:sptc13@aiiche.org).

If you have a product or service to offer, or if your company is looking for new talent, the conference provides an opportunity to reach out to hundreds of chemical engineers working in the Ship Channel, Baytown, Pasadena, Texas City, Chocolate Bayou and Freeport. You can raise your visibility by becoming a Platinum, Gold, Silver or Bronze sponsor, or an advertiser in the conference program. The exhibition hall and career fair also provide face-to-face contact opportunities. Early bird sponsorships, exhibition slots and career fair booths are available at significant discounts, with payment due by April 30, 2013. Don't miss this opportunity to reach out to the largest concentration of chemical engineers in the United States. Reserve your spot now at <http://www.aiiche.org/conferences/regional-process-technology-conference/2013/become-sponsor>

More information about the conference can be found out on the AIChE website at <http://www.aiiche.org/conferences/regional-process-technology-conference/2013>, and if you have any questions, email us at [sptc13@aiiche.org](mailto:sptc13@aiiche.org).

## April 2013 AIChE STS Chairs Letter – Gary Gildert

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March 7<sup>th</sup> was our annual Energy Forum. It featured an excellent slate of speakers on the topic of “Energy Management in the Age of Shale Gas”. Many thanks go out to Kathey Ferland, Alan Rossiter, our sponsors, exhibitors, and many other volunteers who put on a great event for our profession.

“ERCOT Demystified” would have been a good sub-title for our after dinner talk from H. B. “Trip” Doggett, President & CEO of the Electric Reliability Council of Texas. He provided great insight into how our grid system works and how it impacts all of us on both a personal and professional basis. For those who missed his talk, the full presentation is available on Chem-E on demand and the slides are posed on the [sts.aiche.org](http://sts.aiche.org) site.

Our meeting April 4<sup>th</sup> is going more technical. We are pleased to have Steve Beeston from Foster Wheeler speaking on the “Pathway to Maximizing Residue Upgrading Margins”. Foster Wheeler is proud to sponsor the meeting therefore sponsored meeting prices apply. Free for Patrons, of course.

Regulars at our meeting will recognize Richard Newman at the reception desk. He does more than ask you to check your name off on the list and hand you a name tag. He also arranges for these great venues for our meetings, creates the registration lists, and many other things behind the scenes. Recently, Richard retired from his day job and is now looking to mentor someone for his other job – Arrangement Chair. If you are interested, please talk to Richard directly, Carol (Chair elect and Program Chair), or me.

We have a good number of volunteer opportunities available for our members from half day commitments through multi-year opportunities. Please see the section entitled “Call for Volunteers” later in this newsletter.

The South Texas Section covers a very wide area and we realize that is difficult for some to attend the meetings because of the driving distance. That is why the Woodlands started a satellite meeting. It works. We are now getting ready to expand our webcasting service. I would like to invite those who cannot make it to the main or satellite meeting to join us on-line. Initially, we will have limited capabilities, so drop me an email if you are interested in joining this on-line meeting.

Please feel free to forward this newsletter and e-mails that you get from me to others that may be interested in our programs and activities. While attendance at our meetings has been good relative to historical standards, I know that there are many more professionals in the region that would benefit greatly from our events, which are open to everyone, not just Chemical Engineers or STS members.

I would also like to encourage everyone to share your ideas and suggestions with me and other members of the Executive Committee. In most cases, we can help you turn a good idea into action. Together, we can continue to make the South Texas Section of AIChE a place of community, fellowship and education for us all.

Sincerely,

Gary Gildert  
Johnson Matthey Catalysts

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## Young Professionals Sections

### YP Giving

The YP Giving recipient for March month is Katherine Tee. She is originally from Marble Falls, Texas (a small town outside of Austin). She went to the University of Texas at Austin and graduated in May 2012. She is now working at Foster Wheeler. Her favorite hobbies are wakeboarding, reading, and running. So far she has been able to attend the February AIChE meeting and Happy Hour. She is hoping that, with continued involvement in AIChE, she will be able to build a network of friends and contacts. She also hopes to learn technical knowledge and social skills from both the presenters during the meetings and the other attendees.

We want to continue with our YP giving initiative, where the YP's sponsor one young member - including ChE students – at each of our monthly dinner meetings in addition to a gift certificate. To qualify, the recipient will have to be involved or share new ideas about YP activities that will be beneficial to the group. If you are interested email 3-4 sentences to [sts-yp@aiche.org](mailto:sts-yp@aiche.org) and we will let you know if you are considered the winner. Please share this message with your young colleagues and encourage them to participate with us.



### Featured YP of The Month—Emily Jackson

#### 1. Tell us about yourself

I graduated from the University of Texas at Austin in 2009 with a B.S. in Chemical Engineering and from McNeese State University in 2011 with an M.Eng. with a focus in Chemical Engineering. I started my career at ReCon Management and Engineering and I now am a Process Engineer at Wood Group Mustang. I enjoy staying active through running local races and spending time with my amazing family.

#### 2. What do you like most about your current job and what are your responsibilities?

I enjoy being able to design new systems, evaluate existing systems and provide quality solutions to the client. I have experience in relief device design and evaluation as well as flare header system design and evaluation. I have also worked on detailed design for a grassroots energy facility which I truly enjoyed. Learning about new technologies is something that I am grateful that I am able to do. As an engineer, you never stop learning.



#### 3. How has STS and AIChE benefited you?

AIChE STS has allowed me to reconnect with my peers from my undergraduate studies as well as meet new engineers in the Houston area. It has provided opportunities to network with engineers of higher experience levels and to continue learning. I am able to learn about topics through the guest speakers and from my peers in YP about their experiences. It helps me to stay current and oftentimes ahead of the technology that is available.

#### 4. Any advice for the ChE students who will be graduating soon?

Stay involved! Being involved in any organization helps you to not only be able to interact socially but to also build networking skills. It allows you to stay connected and provides opportunities that would not be available via other avenues. It allows you to discuss issues that you may have with people who have been there and have some great advice. In the workplace, don't be afraid to ask questions. There are a lot of people that are there willing to help and are grateful that you took the time to ask.

## Young Professionals Sections (Continued)

### Plant Tour

The Young Professionals (YPs) organized a Polypropylene Plant Tour, La Porte, TX on Friday, March 8. The tour consisted of a safety orientation meeting, followed by company overview, engineering program, a quick lesson on the production of Polypropylene at the facility, a tour of control room, process area (reaction, extrusion, railcar loading), and lab.

Here are some pictures



A special thanks to Ronald Lutz for helping the YPs with the plant tour.

## Join National Chemical Safety Symposium

National Chemical Safety Symposium – Hosted by SOCMA's ChemStewards®  
What's New in Process and Occupational Safety?

**May 22, 2013**

**Houston Marriott West Loop by the Galleria  
Houston, TX**

SOCMA's ChemStewards® Program is pleased to announce the 2013 National Chemical Safety Symposium to be held in Houston, Texas on May 22nd. National and local authorities on Process and Occupational Safety will be presenting the latest trends and methodologies used in the industry today to create a safe and secure manufacturing environment.

Dr. M. Sam Mannan, Chemical Engineering Department Regents Professor, Holder of the T. Michael O'Connor I Chair and Director of the Mary K. O'Connor Process Safety Center at Texas A&M University will be the keynote speaker. Also included on the agenda will be professionals from industry, government and academia. An expert industry panel will discuss new techniques designed to address plant safety. In addition, ChemStewards® and ISO auditors will address best practices in the area of process and occupational safety.

The primary topics to be covered will be process safety and occupational safety, by way of presentations, panels, networking, and Q&A discussions.

**Cost:**

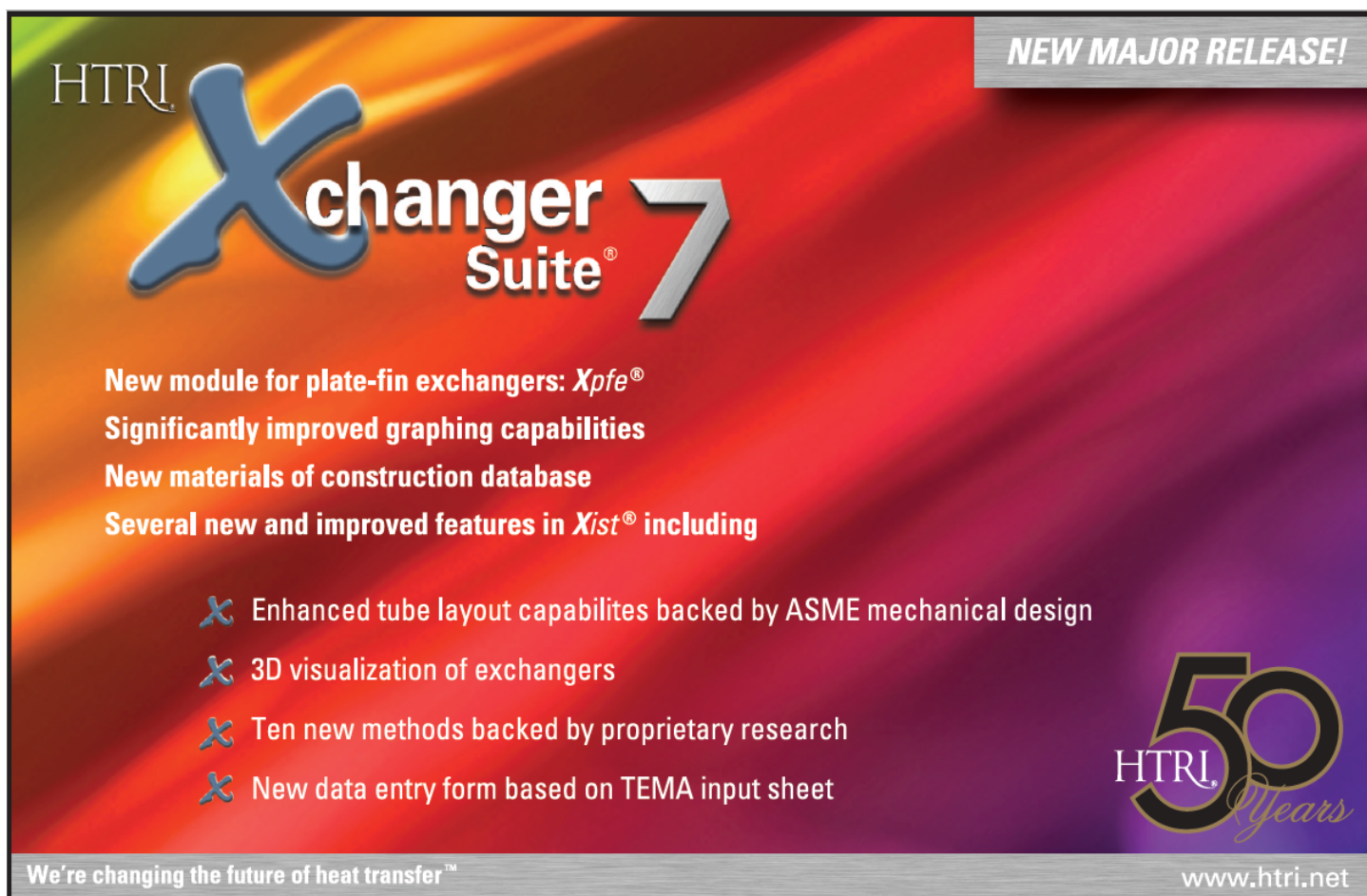
SOCMA Members: \$49

Non-SOCMA Members: \$98

College Student: \$25

[Click here](#) for registration, and a full agenda of speakers and topics.





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## It's Awards Time!

It is once again time to nominate an STS member for our annual awards for 2012:

- Outstanding Young Professional Award
- Distinguished Service Award
- Best Fundamental Paper
- Best Applied Paper Award

For requirements of each award, visit the web page: <http://sts.aiche.org/content/awards>. The page provides a summary of the awards, and contains links to more detailed descriptions of each award.

To nominate a member for an award, complete the online form at the web page:

<http://sts.aiche.org/content/award-nominations>.

If you prefer the printed form, print out the forms from the next two pages.

## South Texas Section – AIChE - 2012 Annual Awards Nomination Form (Page 1 of 2)

THIS NOMINATION FORM MUST BE RECEIVED BY MAY 1, 2013 TO BE ACCEPTED!

Mail the completed form to:

Thomas E. Menn or  
P. O. Box 458  
Pearland, Texas 77588-0548

Anand Nilekar, PhD or Ryan Stephens, PhD  
Shell Global Solutions (US) Inc. Tel: 281-485-3719  
Westhollow Technology Center  
3333 Highway 6 South  
Houston, Texas 77082

Tel: 281-485-3719  
[ThomasMenn@SBCGlobal.net](mailto:ThomasMenn@SBCGlobal.net)

Tel: 281-544-6298  
[Anand.Nilekar@Shell.com](mailto:Anand.Nilekar@Shell.com)

Tel: 281-544-8447  
[Ryan.Stephens@Shell.com](mailto:Ryan.Stephens@Shell.com)

*Following receipt of the nomination that you submit, you will receive an email from the STS Awards Committee confirming receipt of your nomination.*

**NOTE: ONLY ONE PERSON OR PAPER MAY BE NOMINATED PER FORM!**

NOMINATOR'S NAME : \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
STREET : \_\_\_\_\_  
CITY : \_\_\_\_\_ STATE: \_\_\_\_\_  
ZIP CODE : \_\_\_\_\_  
TELEPHONE NUMBER : AC : \_\_\_\_\_ NO : \_\_\_\_\_  
EMAIL ADDRESS: \_\_\_\_\_

I wish to nominate \_\_\_\_\_  
(Enter Name of Nominee or Title of Paper on the above line.)

ENTER CONTACT INFORMATION FOR NOMINEE OR AUTHOR:

NOMINEE or AUTHOR'S NAME : \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
STREET : \_\_\_\_\_  
CITY : \_\_\_\_\_ STATE: \_\_\_\_\_  
ZIP CODE : \_\_\_\_\_  
TELEPHONE NUMBER : AC : \_\_\_\_\_ NO : \_\_\_\_\_  
EMAIL ADDRESS: \_\_\_\_\_

TYPE OF NOMINATION: (PLEASE CHECK ONLY ONE SPACE BELOW.)

2012 STS Outstanding Young Professional Award (Under age 35) \_\_\_\_\_  
2012 STS Distinguished Service Award (Over age 35) \_\_\_\_\_  
2012 STS Best Fundamental Paper Award \_\_\_\_\_  
2012 STS Best Applied Paper Award \_\_\_\_\_

For STS Outstanding Young Member or Distinguished Service Awards, please state the reason you feel that this person is deserving of this award back of this form and ignore the rest of the form. You may attach any supporting documentation to this form.

*For 2012 Best Paper Nominations, continue and complete page 2 of this form.*

## South Texas Section – AIChE - 2012 Annual Awards Nomination Form (Page 2 of 2)

Please enter the name of the 2012 Best Paper again:

\_\_\_\_\_  
(Sorry to trouble you but this is in case the sheets get separated.)

Enter the contact Author's name again: \_\_\_\_\_

(Sorry to trouble you but this is in case the sheets get separated.)

FOR BEST PAPER NOMINATIONS, LIST THE NAMES OF THE AUTHORS AND CHECK ALL  
BLANKS THAT APPLY:

	<u>MEMBERSHIP</u>	
	<u>AIChE</u>	<u>STS</u>
<i>Note: At least one author must be an STS Member.</i>		
Co-Author #1: _____	_____	_____
Co-Author #2: _____	_____	_____
Co-Author #3: _____	_____	_____
Co-Author #4: _____	_____	_____
Co-Author #5: _____	_____	_____
Co-Author #6: _____	_____	_____
Co-Author #7: _____	_____	_____
Co-Author #8: _____	_____	_____

*[Add additional authors on an attached sheet if necessary.]*

For Best Paper nominations, please provide following information:

NAME OF PUBLICATION: \_\_\_\_\_  
 DATE OF PUBLICATION: \_\_\_\_\_  
 VOLUME NO. (if known): \_\_\_\_\_ PAGES: \_\_\_\_\_ to \_\_\_\_\_

PLEASE ATTACH A COPY OF THE ARTICLE FROM THE PUBLICATION TO THIS FORM OR IF THIS IS NOMINATION IS TENDERED BY E-MAIL, PLEASE ATTACH AN ELECTRONIC VERSION OF THE PUBLISHED ARTICLE.. *(In fact, an electronic version of the publication is preferred such as a "PDF".)*

*Following receipt of the nomination that you submit, you will receive an email from the STS Awards Committee confirming receipt of the nomination.*

## Robert L. “Bob” Goodmark honored for 50 years of AIChE Membership

Robert L. “Bob” Goodmark was recognized for his 50 years of AIChE Membership when he was presented with an AIChE 50 Year Membership Certificate at the March 7, 2013 STS-AIChE Monthly Dinner Meeting held at Brady’s Landing.



Pictured are 2013 STS Chair Gary Gildert (L), Michele Goodmark (Mrs. Bob), Robert L. “Bob” Goodmark with 50 Year AIChE Membership Certificate, and 2012 AIChE President David Rosenthal

**Robert L. “Bob” Goodmark** – Bob has a Bachelor’s Degree in Chemical Engineering from the University of Florida (1963) and has served on its Industrial Advisory Board. He also has a Master’s Degree in Industrial Engineering from the University of Houston (1967).

Bob is retired from Shell Oil Company after a 36 year career. During his career, he held assignments in the areas of crude oil evaluation, economics, quality control, refinery planning, economic analysis, product quality, operations scheduling, purchasing, and process engineering.

Bob has been active in AIChE since his Student Chapter days at the University of Florida and is a Fellow of AIChE. He has chaired and participated on many committees in the South Texas Local Section, including annual Technical Meetings, Public Relations and Anniversary Celebrations. Bob has held Offices as Section Chair, Treasurer (twice), Executive Committee Member, served as STS Registered Corporate Agent for about 20 years, and Institute Liaison.

Bob was active on the Houston Spring National Meeting General Arrangements Committee for many years, holding positions of GAC Chair, Public Relations Chair, Finance Chair and Program Copy Chair. He also served as Treasurer of the Fuels and Petrochemical Division from 1994 to 1996; as a member of the National Board of Directors of the Institute from 1997 to 1999; and, as a member of the CEOC from 2002 to 2005.

Bob was honored by the Fuels & Petrochemicals Division with its Distinguished Service Award in 2006; by the South Texas Local Section with its Distinguished Service Award in 1989 and 1988 Chair’s Appreciation Plaque; and by the Institute with second place in the Local Section Public Relations Competition in 1974 and 1975. He has also been recognized with the South Texas Section’s Special Service Award for his 20 plus years of service as the STS’ Registered Corporate Agent.

Bob and his wife are the proud parents of two sons and are thrilled with their two grandchildren. He enjoys giving of his time and talents at his Synagogue; preparing income tax returns as a volunteer with AARP Tax Aide; and, participating in neighborhood improvement organizations.

## 2013 STS-AIChE Special Service Award Recipient - Robert L. "Bob" Goodmark

On Thursday March 7, 2013 at the STS Monthly Dinner Meeting, the South Texas Section - AIChE recognized Robert L. "Bob" Goodmark for his service of more than 20 years as the South Texas Section – American Institute of Chemical Engineers' Registered Corporate Agent by presenting him with a STS-AIChE' 2013 Special Service Award.



Robert L. "Bob" Goodmark with his STS 2013 Special Service Award with his wife, Michele, to the left, 2013 STS Chair Gary Gildert to the far left, with AIChE 2012 President David Rosenthal on the right

## AICHE South Texas Section 2013 Future Meetings & Speakers

Meeting Date	Topic	Speaker	Location
May 2, 2013	New Patent Laws	Wendy Buskop	Brady's Landing

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## STS-AIChE Arrangement Chair Position Open

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STS-AIChE is currently looking for a new Arrangements Chair. This would be a great opportunity for someone to get to know the meeting attendees and help out STS. Responsibilities would include:

- ♦ Making reservations for meeting locations
- ♦ Work with workshop chair to finalize breakout rooms needed
- ♦ Work with Chair/Chair-Elect to finalize contract
- ♦ Arriving early to general monthly meetings (~4:30-5pm)
- ♦ Ensure name badges printed for pre-registered attendees
- ♦ Bring cash box to meeting
- ♦ Sign people in to meeting
- ♦ Write receipts for those who pay at the door
- ♦ Turn in excess cash/checks to Treasurer

If you are interested in volunteering, please contact Gary Gildert at [sts-chair@aiche.org](mailto:sts-chair@aiche.org) or Carol Schmidt at [sts-chairelect@aiche.org](mailto:sts-chairelect@aiche.org) for detail information.

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## Volunteers for Career Day at Kerr High School

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Alief Kerr High School is going to have their Career Day on Friday, April 5 from 8 - 10:30 am at their campus located at [8150 Howell Sugar Lane Rd., Houston, Texas 77083](https://www.aliefisd.net/8150-Howell-Sugar-Lane-Rd.-Houston-Texas-77083). They are looking for chemical engineers that could come to answer questions the students might have about the career of an engineer. If you are interested in volunteering, please contact Diane Barrett with Kerr High School at email : [Diane.Barrett@aliefisd.net](mailto:Diane.Barrett@aliefisd.net) or tell: [281-983-8484](tel:281-983-8484) X 287 for detail information.

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## K12 Volunteer Opportunities

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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](mailto: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](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](mailto:mkolodne@tceq.state.tx.us).

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## Call for Volunteers

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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](mailto: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

*2013 Officers and Contact Information*

## Officers

**Chair** Gary Gildert  
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**Secretary** Kelly Richardson  
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**Treasurer** Ven Pinjala  
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## Executive Committee

**Position 1: Education**  
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**Position 2: Outreach**  
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**Position 3: Communications**  
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**Position 4: Human Resources**  
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## Volunteers

**Arrangements:** Richard Newman,  
David Silarski

**Membership:** David Silarski

**Young Professionals:** Carlos Salamanca  
[sts-yp@aiche.org](mailto: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>>



## SUBSCRIBE/UNSUBSCRIBE INFORMATION

Our newsletter subscription list is by invitation only.

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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@aiche.org](mailto:xpress@aiche.org)



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