

The South Texan



Monthly Meeting: **March 3, 2016 5:30PM-9:30PM**

Location: **Brady's Landing** ([8505 Cypress St, Houston, TX 77012](http://8505CypressStHoustonTX77012))

Social Hour begins at 6PM, Dinner at 7 PM.

Pre-register at <http://sts.aiche.org/>

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March Dinner Meeting

Topic: Excellence in Stationary Equipment Reliability

Abstract: Stationary equipment reliability or mechanical integrity is very critical from a process safety, environmental and reliability performance perspective. The presentation will review the elements for a successful stationary equipment reliability program in a petrochemical facility. The presentation will address management systems, engineering practices, preventive/predictive maintenance/inspection systems, performance metrics and resources. The presentation shares the stationary equipment reliability program at LyondellBasell and shares best practices developed as part of the reliability program.

Dinner Speaker: Walter Pinto, site manager of LyondellBasell's Bayport Complex in Pasadena, TX.

Bio: Walter Pinto is the site manager of LyondellBasell's Bayport Complex in Pasadena, Texas, overseeing operations with approximately 1100 employees and contractors. He is directly responsible for health, safety, environment, security, technical, capital projects, quality, engineering, reliability, maintenance, cost and employee development.

With over 25 years of experience in manufacturing and engineering, his industry leadership positions include site manager of the Morris, Ill., Tuscola, Ill., Fairport Harbor, Ohio, and Newark, N.J., plants; regional manager of reliability engineering; and manager of corporate engineering, all for LyondellBasell or its predecessor companies. He has been working for LyondellBasell for 23 years.

Actively involved in his communities, Walter has served as chairman and member of the executive board of directors for the Chemical Industry Council of Illinois (CICI) in Springfield, Ill.; as vice chairman and member of the executive board of directors for Three Rivers Manufacturers Association in Joliet, Ill.; and as board member for the Tuscola (Ill.) Economic Development Inc. He is currently serving as Chairman of Program Committee and Member of Board of Directors of Clear Creek Education Foundation, League City, TX, Advisory Board Member of the University of Houston, Clear Lake, Environmental Institute of Houston, Executive Board Member of Association of Bayport Companies, Bayport and Board Member of East Harris County Manufacturer Association (EHCMA).

Walter received a master's of science degree in mechanical engineering from the University of Wisconsin in Milwaukee in 1992 and a bachelor's of science degree in mechanical engineering from the National Institute of Technology Karnataka in India. He has published or presented multiple papers for the American Fuel & Petrochemical Manufacturers, the Center for Chemical Process Safety, Oil and Gas Journal, Inspection Engineering Journal, Process Safety Progress Journal and Structural Engineering Journal.

Walter and his wife, Carmen, live in Friendswood, Texas, and have two sons who are studying at the University of Pennsylvania, Philadelphia.



WORKSHOP - Facilities Design

Facilities Design Workshop starts at 5:30PM

Title: FLNG: Evolution from FPSO

Speaker: Shane Tierling, P.E., Senior Technical Leader, KBR

Abstract: Floating LNG (FLNG) technologies have recently received attention to monetize mid-sized offshore gas reservoirs, eliminating the costly and technically challenging sub-sea gas pipeline to a land based LNG facility and export jetty. FLNG facilities also have the potential of serving multiple fields over the life of the facility, reducing the minimum size field that can be economically monetized. Recent papers and presentations on FLNG have focused on ship-to-ship transfer and topsides layout with lesser coverage of gas treatment and liquefaction technology selection. This presentation will provide an overview of gas treatment and cryogenic technology selection for FLNG, highlighting these areas most evolved away from traditional FPSO technologies.

Bio: Shane Tierling has more than 30 years of experience with more than 20 of those with KBR. Shane focuses on gas treatment with additional experience in LNG, Syngas, Chemicals and Refining.

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	Pre-Registration	At the door	At the door
	Members	Non-Members	Members	Non-Members
Regular/Retired	\$25	\$35	\$35	\$40
Student/unemployed	\$15	\$20	\$25	\$30

NOTE: Please bring your receipt. You have until 4 PM CST on March 2, 2016 to pre-register online. After that, you will be required to pay the higher cost at the door.

Pre-registration for the main meeting is now open through our [website](#).

Meeting Location— Brady's Landing



This month's meeting will be held at Brady's Landing ([8505 Cypress St, Houston, TX 77012](#)).

Double-click on the image to the left for directions from your location. For more details and information, please check our [website](#).

STS-AIChE January 2016 Monthly Meeting Online Webcast

There will be no satellite dinner meeting this month. A webcast of our meeting is available via our [YouTube channel](#).

March 2016 STS-AIChE Chair's Letter – Syamal Poddar

Dear Fellow Members of South Texas Section of the American Institute of Chemical Engineers,

Over the first two months of 2016, with the help of our dedicated executive committee together with the wholehearted support of our outstanding core group of volunteers, we have created a high level of momentum to move our organization forward. We had two very successful dinner meeting events in January and February where we had two informative and industry-relevant presentations by invited speakers. In January, our invited speaker was Paul Evans, Director of the Production and Simulation Technologies Department of Southwest Research Institute (SwRI). The title of his presentation was: "Initiatives for Applying Smart Manufacturing to the Continuous Processing Industries." In February, our invited speakers Mark Lockhart, Process Technology Manager, and Blake Soyars, Environmental/Air Section Manager of Burns & McDonnell, spoke on a very timely subject. The title of their talk was "The Refinery 'RTR' Rule – Major Refinery Impacts and Targeted Solutions." Both these presentations are available on [YouTube](#). I am pleased to let you know that both dinner meetings were sponsored events. The January dinner meeting was by SwRI as Bronze Sponsor. The February dinner meeting was by Burns & McDonnell as Gold Sponsor. We are now getting ready for the March dinner meeting where Walter Pinto, Site Manager, Bayport complex of Lyondellbasell in Pasadena, Texas, will be our invited speaker. The title of his presentation is "Excellence in Stationary Equipment Reliability." You will be pleased to know that the March dinner meeting is sponsored by two companies: Lyondellbasell, as Silver sponsor, and SwRI, as the Bronze sponsor. I take this opportunity to extend special thanks to both companies for their respective generous sponsorship.

Please stay tuned for our April monthly dinner meeting on April 7th where AIChE's current President, Dr. Greg Stephanopoulos, Professor at MIT, will be our invited speaker. The details will follow in due course.

Further to these, I would like to bring to your attention that most often we arrange workshops before the monthly dinner meeting events. These workshops are offered by subject experts and are complimentary to our members and allow attendees to receive continuing education credits. In February the workshop topic, presented by Ali Sari, was "Blast Retrofits and Upgrades for Occupied Buildings." In March, the workshop topic is "FLNG: Evolution from FPSO" which will be presented by Shane Tierling of KBR. I hope to see you at the workshop and dinner event on March 3rd in Brady's Landing restaurant. For further details please see this Newsletter. In that connection, I would like to encourage all of our active members to be a Patron of our section by buying a season pass at a discounted rate \$131 which will cover all the remaining dinner meetings, including the March 3rd dinner meeting. Please note that there will be no further discounts available for season pass for the rest of 2016. For details please visit [STS-AIChE website](#).

The above is a snapshot of a few activities. There are many more volunteer activities, such as judging at the Houston Engineering Science Fair, supporting K-12 initiatives, and the Boy Scout Fair to name a few. I'm happy to let you know that soon we will be piloting breakfast/lunch networking events for members who are searching suitable employment opportunities to reenter the workforce or to better their positions.



SOUTHWEST RESEARCH INSTITUTE

March 2016 STS-AIChE Chair's Letter – Syamal Poddar

I would like to reiterate a few comments I made in my earlier Newsletters. I am confident that with your continued encouraging cooperation, we shall maintain our focus to challenge ourselves to streamline and simplify our “way of doing” so that we could leverage our collective voluntary hours to positively impact our organization and the society we live in.

With the above, I would like to sign off by inviting all of you to share your thoughts for continued enhancement by bringing in diversity and inclusion. The only way we can support sustainable growth is when we earn your confidence by seeing that those who are not members yet renew their membership and get involved in many existing and yet-to-be-developed new and encouraging events. Another very important task we are challenged with is attracting and retaining our young professionals via productive and active engagement. We need to actively listen to our young professionals to understand and learn from them. I believe, only through such enrichment and engagement will we successfully build a pool of effective future leaders.



Sincerely,
Syamal Poddar
 Chair



Crude oil fouling testing helps keep your heat exchangers running longer, cleaner, and more efficiently.

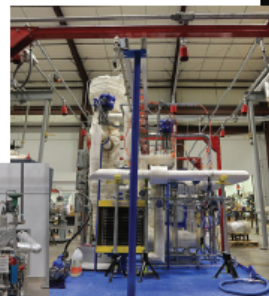
Drawing on decades of experience, we provide companies throughout the world with contract fouling services that include

- measuring fouling propensity and anticipated fouling characteristics
- assessing the impact of additives
- estimating fouling thresholds at different temperatures and velocities
- evaluating the impact of metallurgy
- interpreting chemistry data
- assessing primary fouling mechanisms

HTRI researchers help design a test plan that best suits your goals. Once testing is complete, you receive a report containing a comprehensive summary of the tests, analysis of the results, mitigation strategies, and recommendations to guide your project.

HTRI engineers use three state-of-the-art research rigs to provide crude oil fouling testing services to companies worldwide.

Rotating
Fouling Unit



High
Temperature
Fouling Unit 2



High Temperature Fouling Unit

Contact us at fouling@htri.net to learn how we can help you with your next project.

HTRI
www.htri.net

50 Years of AIChE Membership

Two STS Members Honored for Achieving 50 Years of AIChE Membership

Two STS Members were recognized for achieving 50 Years of AIChE Membership at the February 4th South Texas Section – AIChE Monthly Dinner Meeting. Those honored were Clem Barrere and Merle Likins.



Clem Barrere displays his Certificate of Recognition for 50 Years of AIChE Membership. Shown with Clem are 2016 STS AIChE Chair Syamal Poddar (L) and 2016 STS Chair-Elect David Rosenthal (R).

Clem A. Barrere - Clem received his bachelors in chemical engineering at Yale in 1960 and his doctorate in chemical engineering at Rice University in 1965. He is a licensed professional engineer in Texas and Oklahoma.

He began his career in 1960 with Conoco, holding several positions in R&D, Engineering, Production, Refining, Marketing, and Corporate Planning. Dr. Barrere was with Conoco for 29 years.

He then began his own company, Barrere and Company Ventures in Houston. His company acted as a Mergers and Acquisitions intermediary on the sale of mid-size privately held businesses.

For the past six years, Clem has been the President of the Miami Group in Houston. The Miami Group manages a website service that provides advice to high school and college students on college and career selection.

He has had 20 papers published, has 9 patents, and has written one book chapter. Clem stays active as an advisor to the Center for Houston's Future and as an advisor to the Business Intermediary Education Foundation.

Clem and wife Jamie have been married 46 years. They have one son, age 27, who works as a lead construction engineer for ExxonMobil in Papua New Guinea. Clem has enjoyed photography for about 60 years, particularly making videos. He has also been a fisherman, a hunter, a tennis player, a snow skier, a water skier, and a golfer. Of these activities, he now concentrates on golfing and videos.

50 Years of AIChE Membership



Merle Likins displays his Certificate of Recognition for 50 Years of AIChE Membership.
Shown with Merle are 2016 STS AIChE Chair Syamal Poddar (L) and 2016 STS Chair-Elect David Rosenthal (R).

Merle R. Likins - Merle received his doctorate in chemical engineering at the University of Louisville in 1970. He is a licensed professional engineer in five states, including Texas.

He was an APC Engineer (Advanced Process Control) for over 40 years, with his last position at Yokogawa being Principal APC Engineer. His expertise includes process studies, multivariable control, and online inferred property modeling.

Dr. Likins first position was with Phillips Petroleum in 1973. In 1988, Phillips sold his division (Applied Automation) to a German company, Hartmann & Braun. In 1992, all of their control engineers were sold to Yokogawa. Merle worked for Yokogawa in Bartlesville until 2001 when he was transferred to Houston. Dr. Likins has remained active in his retirement, including consulting for Shell in 2013 and 2014, where he worked on a FEED study for an LNG terminal.

Merle has been active in his career in several societies including the National Society of Professional Engineers, where he served as Oklahoma State President and the National SW Region VP. He also served as session developer and technical review coordinator for several national ISA meetings.

During Dr. Likins career, his clients have included Koch Industries, Bigler, CF Industries, Delek, Petrotrin, Shell Chemical, Copene, BP Chemical, Aramco, Huntsman Chemical, GE Silicones, Allied Chemical, GE Plastics, Phillips Petroleum, and Farmland.

Merle holds 12 patents, in the areas of batch distillation, furnaces, reactor controls, and boiler controls. He has presented and published 13 technical papers.

Merle has two children, and five grandchildren.

Merle enjoys visiting his grandchildren and is quite a baseball fanatic. He follows the Astros, the Rice University baseball team, the University of Houston baseball team, and the Sugar Land Skeeters minor league baseball team.

STS-AIChE Awards

YP Chair Appreciation Plaque Presented at February 4 South Texas Section Monthly Dinner Meeting

The February 4 South Texas Section – AIChE Monthly Dinner Meeting at Brady's Landing Restaurant served as a venue for the presentation of the

STS 2015 Young Professionals Chair Appreciation Plaque

Chaitanya Gottimukkala was presented with the 2015 South Texas Section Young Professionals Chair Appreciation Plaque for his tireless efforts as 2015 STS YP Chair. by 2016 STS YP Chair Trevor Rice.



2015 STS YP Chair Chaitanya Gottimukkala (L) is shown receiving his 2015 STS Chair's Appreciation Plaque from 2016 STS YP Chair Trevor Rice (C) and STS 2016 Chair Syamal Poddar (R).

STS-AIChE 2016 Monthly Dinner Meeting Schedule

Date	Location	Meeting Details (Speaker/Company/Topic)
January 14	Brady's Landing 8505 Cypress Street Houston, Texas 77012	Paul Evans, SwRI Initiatives for Applying Smart Manufacturing to the Continuous Processing Industries
February 4	Brady's Landing	Burns & McDonnell "The Refinery "RTR" Rule – Major Refinery Impacts and Targeted Solutions"
March 3	Brady's Landing	Walter Pinto, LyondellBasell Excellence in Stationary Equipment Reliability
April 7	Brady's Landing	Greg Stephanopoulos, AIChE President
May 5	Pelazzio	Tim Olsen, Emerson
September 8	Pelazzio	TBD
October 6	Moody Gardens One Hope Boulevard Galveston, Texas 77554	TBD
November 3	Brady's Landing	TBD

South Texas Section-American Institute of Chemical Engineers (STS-AIChE) Season Pass

The STS-AIChE Season Pass for the 2016 technical monthly dinner meetings is being offered for **\$131**. Please visit the STS-AIChE website to sign-up (<http://sts.aiche.org/content/2016-season-pass>).

The STS-AIChE Season Pass offers the convenience of a single sign-up and single payment for all eight technical meetings in the 2016 season. The meetings included are the January through May and September through November technical monthly dinner meetings. The December Social meeting is not included in the Season Pass. Season Pass holders also get priority sign-up for all special events. The schedule of topics and venues will be posted on the website (sts.aiche.org) once finalized.

Season Pass holders are recognized as patrons on the STS-AIChE web site and in our newsletter. This is a great way to show your support for your section at no additional cost. Season Pass holders will be issued a permanent name tag – no need for sticky paper name tags. Your fellow members will recognize you as a patron and regular attendee.

Season Pass holders have a significant savings when comparing the on-site cost of the dinner meetings. They also save the hidden costs of multiple transactions and tracking the payments and reimbursements, if applicable.

STS-AICHe 2016 Season Pass

Frequently Asked Questions (FAQ)

As a Season Pass Holder do I need to register for each dinner meeting?

No, there is no need to register or RSVP for the individual meetings once you have made your payment to become a Season Pass holder. We do however ask that you sign-in at the registration table during the day of the event at the meeting venue.

What if I cannot attend a dinner meeting?

Guests and visitors are always welcome. Feel free to send someone else in your place and just let them know at the door of the substitution.

What if I cannot attend the meeting and cannot find a substitute?

Even the most dedicated members cannot make every meeting. The season pass is priced assuming that you will miss a meeting. If you can provide at least a one week notice, by e-mailing the Chair-Elect at sts-chairelect@aiche.org, we can give you a guest pass for the next meeting. That way, you can invite your boss to the next meeting to see what you missed!

I am a big supporter of the section, but I don't want my name posted all over the web. Can I opt-out of the publications?

Yes, just let us know and we will not put your name on our list so that you can continue to fly under the radar. You always have the option of hand writing a name tag.

Will I still get in if I forget my name tag at home?

Yes. We keep a master sign-up list at the door. Patrons are at the top of the list!

I normally sign up in advance. Am I still saving money?

Yes. The Season Pass is eight meetings for the price of seven. You will also save the time and effort of multiple payments.

STS-AIChE 2016 Season Pass**2016 STS-AIChE Patrons**

Name	Affiliation
Dale Embry	ConocoPhillips
Maximo E Salazar	Process Eng Consulting
Gary Miller	Air Liquide
Kelly Richardson	
Gus Georgetown	Stress Engineering Services
George Redd	S&B Engineers
Justus Hendrickson	SNC Lavalin
Mark Demark	Houston Community College
Matthew Kolodney	TCEQ
Jack Chosnek	KnowledgeOne
John Middleton	WorleyParsons
Larry Chriswell	Keelson Company
Carol Schmidt	SGL Carbon Company
Thomas Rehm	TERehm Consulting LLC
Robert Andrew	Kiwis Edge LLC
George Vourazeris	Air Liquide Industrial U.S. LP
Yurika Díaz Bialowas	Chemstations Inc.
Syamal Poddar	Poddar & Associates
Travis Fixmer	Huntsman
Vic Edwards	VHE Technical Analysis
Wendy Reed	Chemstations Inc.
Erin Green Colaco	
Trevor Rice	Chemstations Inc.

STS-AIChE Season Pass**2015 STS-AIChE Patrons**

Name	Affiliation
Vic Edwards	Consultant
Larry Chriswell	Fluor
G Duane Vourazeris	Air Liquide Industrial U.S. LP
James Turner	Fluor
Dale Embry	ConocoPhillips
Trevor Rice	Chemstations, Inc
Yurika Diaz	Chemstations, Inc
Gary Gildert	Johnson Matthey
Temitope Ajala	Fluor Corporation
Aiying Li	Fluor
Tom Rehm	TERehm Consulting LLC
Carol Schmidt	SGL
Kelly Richardson	
W. Paul Waits	S&B Engineers
Syamal Poddar	Poddar & Associates
Gus Georgetown	Stress Engineering Services
George Redd	S&B Engineers
Justus Hendrickson	SNC Lavalin
Mark Demark	Houston Community College
Matthew Kolodney	TCEQ

Upcoming Events Information

OTC

2016 Offshore Technology Conference – Head's Up! The 2016 OTC will take place May 2 to 5 at NRG Park, Houston, Texas. Volunteers will receive Free OTC Pass*, complimentary Parking* with in/out privileges, and all the free goodies/junk you can carry away! In return, OTC Volunteers agree to attend an Orientation Meeting & serve 4 or 5 hours in either Arrangements, Registration, or Student Tours. (** Pass & Parking are good for entire OTC.*)

More information will be provided in early 2016. For any questions, contact Tom Menn at thomasmenn@SBCGlobal.net.

2016 Science Engineering Fair of Houston

The [2016 Science Engineering Fair of Houston](#) organizing efforts are underway. Fair dates are **February 26-27, 2016** at the University of Houston Athletic/Alumni Center, Main Campus. Judging takes place on Saturday, February 27 and the awards ceremony is Sunday, February 28 at the Cullen Performance Hall located on the University of Houston Main Campus.

If you are interested in volunteering, contact Matt Kolodney (Matthew.Kolodney@comcast.net).

Mentor For An Evening

The vision of AIChE is to be “The Lifetime Center for professional & personal growth and security of chemical engineers.” Some of our South Texas Section members are just starting out in their careers and are starting to engage at the earliest stage in this lifetime center. We are fortunate to have an active Young Professionals group, and it is the local section’s job to support them as they are our future. The AIChE STS is trialing a new program at our dinner meetings entitled “Mentor for an Evening.”

The purpose of “Mentor for an Evening” is to provide an opportunity for our more experienced members to provide assistance to our Young Professionals and those with a few more years of experience advice on career growth, job situations, and managing “up (bosses)” and “down (peers and direct reports).” Hopefully we can provide more value to those attending our dinner meetings. Here is how it will work.

Individuals who have registered and walk-ups will be asked if they would volunteer to be a “Mentor for an Evening”. It is totally voluntary. They will be given an information card describing the program and rules. They will get a sticker for their name badge indicating their participation.

Young professionals will also get a sticker on their name badge and the same information card. As they “mingle” during the evening or sit at a dinner table they can choose to engage with an indicated mentor.

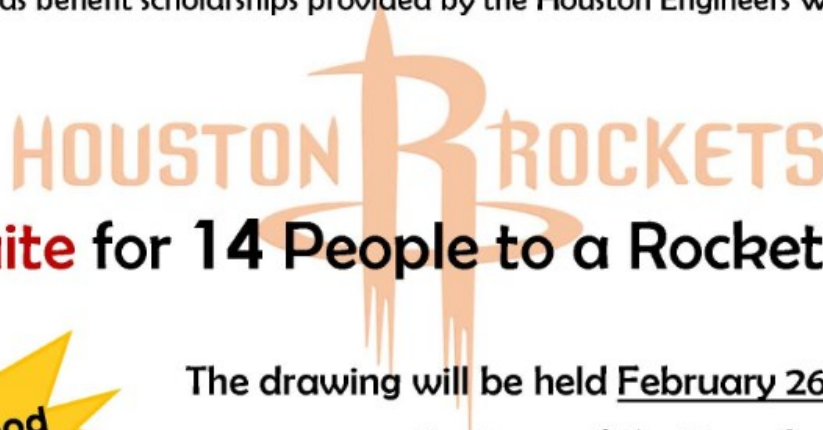
The rules are simple. No discussion on hiring, salaries, performance issues, confidential information, and names of those involved or companies in any situation. The discussions should focus on career growth, project management advice, technical guidance and handling of work situations.

We will trial this at our meetings this year. We hope it will be viewed as a valued experience for those who are looking for some third-party advice. I will report to you in future newsletters on its progress.

David Rosenthal
Chair Elect, STS-AIChE

STS-AIChE YP

All raffle proceeds benefit scholarships provided by the Houston Engineers Week Committee!



Win a **Suite** for 14 People to a Rockets Game*

**Includes Food
and Drink!**

The drawing will be held February 26, 2016 at the
Engineer of the Year Gala.

You don't have to be present to win!



Raffle tickets
\$20 each
or 6 for a \$100



*Date of game to be mutually agreed upon with suite owner, most games from March to May available

[Houston Engineers Week](#) is selling raffle tickets for a suite at a Rockets game for a game that you can choose! Food and drink at the suite are included. The raffle tickets fund college scholarships for local universities.

The drawing for the raffle will be held on February 26, 2016, and you do not need to be present to win. Tickets are \$20 each, or 6 for \$100. You can purchase online:
<https://squareup.com/market/houston-engineers-week>.

Please add a note when you check out that you purchased the tickets from [AICHE YP](#).

AIChE Membership

Continue your AIChE Membership for 2016

If you haven't already responded to the AIChE personalized renewal invoice sent to you in the mail, we invite you to continue your membership. Visit the AIChE website at <http://www.aiche.org/community/membership>. STS-AIChE members are offered reduced registration prices at select local section events throughout the year. **Please be sure to click the check box for the "South Texas Local Section" when renewing** your membership to be eligible for the STS-AIChE member benefits.

Awards

It's Awards Time!

It is once again time to nominate an STS member for the 2015 South Texan Section Annual Awards:

- 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.

NOTE: All 2015 Awards Nominations must be received by May 1, 2016!

South Texas Section – AIChE 2015 Annual Awards Nomination Form (page 1 of 2)

THIS NOMINATION FORM MUST BE RECEIVED BY MAY 1, 2016 TO BE ACCEPTED!

Mail the completed form to:

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

Or Ryan Stephens, PhD
Best Papers Judging Chair
Shell Global Solutions (US) Inc.

Technology Center
3333 Highway 6 South
Houston, Texas 77082

Or Matt Christiansen, PhD
Best Papers Judging Co-Chair
Shell Projects and Technology

Tel.: 281-485-3719

ThomasMenn@SBCGlobal.net

Tel.: 281-544-8447

Ryan.Stephens@shell.com

Tel: 281-544-6476

Matthew.Christiansen@shell.com

Following receipt of the submitted nomination, you will receive an e-mail from the STS Awards Committee confirming receipt of the nomination after AIChE & STS Membership is verified. All Best Paper Nominees not Members of AIChE or STS may wish to join STS or STS and AIChE until May 31, 2016 in order to be eligible for the recognition due a STS – AIChE Member Best Paper Award Recipient.

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

NOMINATOR'S NAME: _____
ADDRESS: _____
STREET: _____
CITY: _____ STATE: _____
ZIP CODE: _____
TELEPHONE NUMBER: AC: _____ NO: _____
E-MAIL 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: _____
E-MAIL ADDRESS: _____

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

2015 STS Outstanding Young Professional Award (*Under age 35*) _____

2015 STS Distinguished Service Award (*Over age 35*) _____

2015 STS Best Fundamental Paper Award _____

2015 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 Best Paper Nominations, please continue and complete page 2 of this form.

South Texas Section – AIChE 2015 Annual Awards Nomination Form (page 2 of 2)

Please enter the name of the 2015 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>
Note: At <u>least</u> one (1) author must be a STS Member.		
Co-Author # 1: _____	_____	_____
Co-Author # 2: _____	_____	_____
Co-Author # 3: _____	_____	_____
Co-Author # 4: _____	_____	_____
Co-Author # 5: _____	_____	_____
Co-Author # 6: _____	_____	_____
Co-Author # 7: _____	_____	_____
Co-Author # 8: _____	_____	_____
Co-Author # 9: _____	_____	_____

[Add addition Authors on an attached sheet as 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.

Following receipt of the submitted nomination, you will receive an e-mail from the STS Awards Committee confirming receipt of the nomination after AIChE & STS Membership is verified. All Best Paper Nominees not Members of AIChE or STS may wish to join STS or AIChE and STS until May 31, 2016 in order to be eligible for the recognition due a STS – AIChE Member Best Paper Award Recipient.

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.

PE PDH Hours Qualified!!

The Texas Board of Professional Engineers (TBPE) will allow up to 3 continuing education hours per year for K-12 outreach activities, but only under certain circumstances. The STS K-12 coordinator checked this with the TBPE staff in Austin. STS-AIChE sponsors K-12 outreach presentations to high school classes (career day for example), science fair judging, explaining engineering careers to teachers (who will pass the information on to students), sponsored tours for students and teachers at OTC, and one-on-one counseling of students. TBPE prefers a certificate from the sponsoring organization (such as STS) explaining what was done, stating the number of PDH hours, and certifying that the engineer actually participated. If you participate in an STS-AIChE K-12 outreach event and want PE PDH credit, the STS will provide the certificate.

Call for Volunteers Official Greeters

The STS is looking for two volunteer official greeters, one a young professional and one chronologically mature. Their goal is to greet first-time attendees (or members who haven't attended for a while) of monthly meetings, to help them feel comfortable and welcome, tell them a little about the STS and the meeting, and to introduce them, as needed, to our regular attendees. We are looking for volunteers who:

- Frequently attend monthly meetings (arriving by would help)
- Get along with most people
- Are reasonably acquainted with the STS-AIChE and its members, though we can help with that will briefly point out a potential benefit or two of active involvement in STS-AIChE

Our monthly meetings occur on a Thursday after work, and may already have put in a 40+-hour week. An ideal volunteer would enjoy dealing with new attendees and would become energized rather than tired out by dealing with people they don't already know well.

More Volunteer Opportunities

In STS-AIChE, we have an opening for a K-12 volunteer. Instead of you having to reinvent the wheel, we can help you with any of the following:

- Advice on how to get started productively;
- The opportunity to attend K-12 events of other organizations, in order to learn how to conduct an AIChE K-12 outreach event;
- Networking opportunities to get contacts in local school systems;
- Assistance in recruiting STS volunteers;
- Conducting intersociety activities to help your programs reach critical mass;.
- Help in conceiving and developing a K-12 outreach program suitable for STS-AIChE to lead.
- Opportunities to develop and practice your interpersonal skills and to learn and practice leadership

STS Membership Committee Members seeking members who would be interested in some or all of the following:

- Identify the varied opportunities for STS volunteers
- Greet first-time attendees—help them feel welcome introduce them to other STS members
- Contact them periodically—encourage them to come back
- Encourage them to gradually get involved in STS
- Gradually get to know the new members first-timers and their interests
- Suggest STS volunteer activities that interest them & help them grow
- Encourage them to practice their leadership and their project management skills in service to the STS
- A great opportunity to develop your people skills & leadership skills by helping develop those capabilities in the STS and its members

Volunteer opportunity helping represent STS-AIChE at ECH (Engineering, Science, and Technology Council of Houston): Seeking a volunteer who would like to network with and learn from members of other professional societies, develop leadership skills, and help provide broader volunteer opportunities for STS members. Options include:

- Work with ECH councilors from other local engineering and science, societies, as well as officers of the other member societies;
- Learn how they run their organizations, and bring some of their ideas back to STS-AIChE
- Participate in intersociety workshops on technical issues that affect the Greater Houston Area
- Get involved in the organization of the regional science fair;
- If you are interested in a particular type of volunteer activity, we'll help you organize intersociety activities in that area
- If you're a YP, we can help you organize intersociety YP events that STS-AIChE doesn't have the critical mass to conduct on our own;
- Your learnings from ECH could be very helpful to you as a future manager at work or as a future leader in STS and AIChE

If you are interested, or would like further information, contact: Matt Kolodney, STS Volunteer Recruiter at (713-471-8956) or matthew.kolodney@tceq.state.tx.us

South Texas Section to Initiate Company Liaison Program

The South Texas Section (STS) of AIChE is implementing a Company Liaison Program. Kelly Richardson (2016 STS-AIChE Past Chair) is heading up the initiative.

The intent of the program is to have a liaison contact at companies in the region that employ a large group of Chemical Engineers, so that the liaison can pass on information on upcoming events, and encourage attendance at STS-AIChE Events.

This program will make it easier for Chemical Engineers to learn about meetings and events that may interest them, and by providing a “personal touch” and intra-company networking opportunity, overcome potential fears or objections to participating. The program will also provide a potential opportunity for employees to be recognized as leaders within their company.

Responsibilities and benefits are listed in the table below.

STS-AIChE	Liaison	Company
Responsibilities		
<ul style="list-style-type: none"> ✦ Provide meetings and events ✦ Maintain list of liaisons ✦ Send out special emails to liaisons ✦ Advertise program and recognize liaisons and companies 	<ul style="list-style-type: none"> ✦ Forward STS-prepared emails to department/group ✦ Create meeting invitations for coworkers ✦ Try to set up carpools where able ✦ Attend meetings where possible ✦ Interface with Company Management on STS activities and sponsorship opportunities (as applicable) ✦ Provide feedback to STS Officers on company interests and comments 	<ul style="list-style-type: none"> ✦ Support the liaison ✦ Advertise where applicable
Benefits		
<ul style="list-style-type: none"> ✦ Higher attendance ✦ Better corporate relations 	<ul style="list-style-type: none"> ✦ Personalized Nametag for meetings ✦ Demonstrated leadership within company ✦ Increased networking ability within corporation ✦ PDH credits/technical education 	<ul style="list-style-type: none"> ✦ Recognition at meetings ✦ PDHs / education for employees ✦ Networking/team building opportunities

There is no cost for liaisons or companies to participate. Participation as a liaison is completely voluntary, and companies can transition to a new liaison or end their participation at any time.

The intent is for the Past Chair to maintain the program on an ongoing basis.

For more information, or to sign up as your company's STS-AIChE liaison, contact **Kelly Richardson** at sts-pastchair@aiche.org.



South Texas Section AIChE

STS-AIChE
P.O. Box 421373
Houston, TX 77242

2016 Officers and Contact Information

Officers

Chair Syamal Poddar
sts-chair@aiche.org

Chair Elect David Rosenthal
sts-chairelect@aiche.org

Past Chair Kelly Richardson
sts-pastchair@aiche.org

Secretary Chaitanya Gottimukkala
sts-secretary@aiche.org

Treasurer Carlos Salamanca
sts-treasurer@aiche.org

Executive Committee

Position 1: Education
Shane Tierling
sts-position1@aiche.org

Position 2: Outreach
Bill Epling
sts-position2@aiche.org

Position 3: Communications
Linton Wong
sts-position3@aiche.org

Position 4: Human Resources
Tom Rehm
sts-position4@aiche.org

Volunteers

Arrangements: [John Middleton](#)
Awards: [Tom Menn](#)
Membership: [David Silarski](#)
Webmaster: [Phil Purpich](#)
Young Professionals: [Trevor Rice](#)

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 2016

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

1. Increasing awareness
2. Improving relevancy of our programs
3. Improving our governance
4. Hospitality/Welcome/Social

— SUBSCRIBE/UNSUBSCRIBE INFORMATION —

Our newsletter subscription list is by invitation only.

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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:

<http://www3.aiche.org/MemberMail/redirect.aspx>

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
 1-800-AIChemE (1-800-242-4363)
 AIChExpress Service Center
3 Park Avenue
New York, New York 10016-5991

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

Linton Wong
Baker Hughes
12645 West Airport Blvd
Sugar Land, TX 77478
(832) 600-0144
linton.wong@bakerhughes.com

Shubharthi Barua
Chicago Bridge & Iron Co.
5850 Rogerdale Rd
Houston, TX 77072
(979) 402-1508
shubharthi.barua@ymail.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

Reserve your ad space! Contact:

Teresa Jurgens-Kowal
Global NP Solutions, LLC
2323 Clear Lake City Blvd,
#180 Suite 177
Houston, TX 77062
(281) 280-8717
Teresa@globalnpsolutions.com