

The South Texan



Thursday, February 6, 2020

Monthly Meeting @ The Holiday Inn Houston International Airport
([15222 John F Kennedy Blvd., Houston, TX 77032](#))

5:30PM - 6:30PM Workshops
6:00PM - 7:00PM Social/Networking Time
7:00PM - 8:00PM Dinner and STS Announcements
8:00PM - 9:00PM Dinner Presentation/Speaker
Check us out on [YouTube!](#)

Inside this issue:

Dinner Details	1-3
Letter from the Chair	4
Sponsors	5
STS Opportunities	6
STS Awards Nomination	7-9
Upcoming Events	10-14
Volunteer Outreach	15
Past Events	16-18
2019 Meeting Schedule	19
Season Pass	20-21
STS Corporate Liaison Program	22
Contact Information	23
Subscribe/Unsubscribe	

February Dinner Meeting

**Speaker: James Shelton, Compliance Assistance Specialist
Houston North Area Office**
**Presentation: A Look at OSHA Activity and Incidents in the
Chemical Industry**

Jim has been with the OSHA Houston North Area Office since 1996. In 2004 Jim became the Compliance Assistance Specialist (CAS) for OSHA Houston North Area Office which is a non-enforcement position within OSHA responsible for outreach, training, and assistance to employees, employers, and industry groups. The CAS also provides support to, maintains, and develops OSHA alliances and partnerships and assists on Voluntary Protection Program (VPP) audit teams. Prior to becoming the CAS, Jim was an OSHA inspector and conducted enforcement inspections on hundreds of worksites and investigated numerous workplace fatalities.

- 2017 Safety Professional of the Year award Gulf Coast chapter of the American Society Safety Engineers (ASSE)
- FY 2016 Region VI and OSHA Training Excellence Awards

Mr. Shelton has a M.S. Degree in Safety Management and a B.S Degree with a double major in Industrial Safety and Security from Central Missouri State University.

Other Experience:

- Luke Air Force Base, AZ an active duty F-16 fighter training base which was also the largest fighter training base in the free world. Received the 1996 Air Education and Training Command (AETC) Safety Professional of the Year award and was one of 100 civilians chosen annually to attend the in-residence Air Force Squadron Officers School.
- 440th Airlift Wing, Milwaukee, WI, an Air Force Reserves air cargo base. Conducted facility inspections and assisted in the implementation of the ground safety program.
- Appleton Electric - Drafted comprehensive Lockout/Tagout and Confined Space Entry programs for this gray iron foundry in Milwaukee, WI.
- Central Missouri State University - Conducted comprehensive chemical inventory of campus, facility inspections, and other duties as assigned for the university's safety office in Warrensburg, MO.
- Kim Originals - Wrote a comprehensive safety program and conducted related training for a light manufacturer in Sedalia, MO.
- Stuart Hall - Drafted a safety and health program for their California facility to comply with SB 198, conducted site inspections, and other duties as assigned for this paper products manufacturer in Kansas City, MO.
- Civil Engineering Environmental Section - Maintained the civil engineering environmental and Superfund project database at Whiteman Air Force Base, MO.

U.S. Army with specialties in field artillery and imagery analysis with duty assignments as a maintenance clerk, field artillery nuclear weapons assembler, and counterintelligence.



February Dinner Meeting

Meeting Registration Information

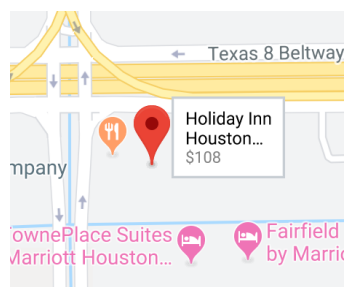
Membership in STS-AIChE is a bargain at \$25/year. If you wish to become a member, you may join at the registration desk at the meeting.

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

	Pre-Registration	Pre-Registration	At the door	At the door
	Members	Non-Members	Members	Non-Members
Regular/Retired	\$35	\$45	\$45	\$55
Unemployed	\$25	\$35	\$35	\$45
Students	\$25	\$25	\$35	\$35

Online Registration closes at 4:00 pm the day of the event Thursday, February 6, 2020. After this time, you may register at the door.

Meeting Location— The Holiday Inn Houston Intercontinental Airport



This month's meeting will be held at The Holiday Inn

([15222 John F Kennedy Blvd., Houston, TX 77032](#))

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

February Meeting Dinner Menu

Join STS AIChE on an All About Texas Evening!

Buffet Dinner:

Mixed Field Greens, Fruit Salad with Yogurt Dressing, and Baby Shrimp Pasta Salad
 Chicken Marsala, Crawfish over Penne Pasta with a Cajun Cream Sauce and Sliced Prime Rib of Beef
 Buttered Parsley Potatoes
 Mixed Seasonal Vegetables
 Assorted Dinner Rolls

Vegetarian Dinner Option:

Vegetable Stuffed Portabella Mushroom **

** This dish is by request only – reservations are due three (3) days before the event.

Dessert:

Chocolate Mousse Cake, Key Lime Pie, and Seasonal Fruit Platter

Coffee Station:

Regular Coffee
 Decaffeinated Coffee

Non-Alcoholic Beverages:

Iced tea with Lemon Wedges
 Water

Alcoholic Beverages:

Cash Bar**

** Cash only – no electronic payment option.

February Dinner Meeting

Workshop Information

Title: *Future of control systems solutions for Process & Manufacturing industry*

Abstract

Control systems are the brain & backbone of any process, manufacturing systems.

We shall share the modernistic, holistic view of what is coming in terms of diagnostics, features using actual examples.

Topics outline...

- History, traditional solutions
- Traditional Control room concept is slowly disappearing
- Future...
- Single system Solution for modelling, AI, data analytics built in HMI
- OS - single app support in MS, Android, iOS, Linux
- OPC DA/UA or native comm drivers using off the shelf products
- Admin level Self configuring systems. AI won't allow any config mistakes
 - AI - Help quantify uncertainty in quality of products, identify areas that are creating uncertainty.
How best to deal with them to improve the bottom line.
- Cloud apps with cyber security
- 360 degree 3D views with live data in HMI
- share your wish list with us

Bio

Rakesh Verma is President of Parijat Controlware, Inc. a premier control system Integration company since 1989. He obtained his BSEE from Punjab Engineering College in 1977. He worked briefly in India, Singapore before migrating to Houston. He has worked for many control, SCADA systems for many industries. He has served most major corporations in almost every industry touching every aspect of relating to control, SCADA, IT, OT, IOT.



February 2020 STS-AIChE Chair's Letter – Mark Harkness

Hello South Texas Section,

We had an excellent dinner meeting in January, with a presentation by Mr. David Merchant of Merchant Consulting. He spoke about CO₂ and use and sequestering in the Permian Basin. As a major segment of the Texas economy, it was good to get an update of on goings there.

Our February meeting will be held on Thursday, February 6th at 7:00pm. The venue is the Holiday Intercontinental Airport, 15222 JFK Boulevard. Our dinner speaker will be Mr. James Shelton with OSHA. His presentation will be "A Look at OSHA Activity and Incidents in the Chemical Industry".

An Executive Committee meeting is held each month when there is a dinner meeting. Our next Excom Meeting will be held on Thursday, February 13th, 6:00pm at Union Kitchen located at 6011 Washington Avenue. If you would like to help support our section by volunteering or participating on one of several committees, please contact me at mark.s.harkness@gmail.com.

There are several events upcoming that deserve a special mention:

The 2020 AIChE Spring Meeting and GCPS will be held March 29 through April 2 at the George R. Brown Convention Center. Attendant with this, Ms. June Wispelwey, Executive Director and CEO of AIChE, will be our April Dinner meeting speaker

The Science and Engineering Fair of Houston will be held February 14 and 15 at the George R. Brown Convention Center. Please contact Matt Kolodney at mKolodney1@comcast.net if you are interested in judging at the Fair.

Houston Engineer's Week is February 16th through the 22nd. The Young Engineers of the Year Banquet will be held at Norris Conference Center, 816 Town and Country Boulevard, on February 17, 2020 at 6:00 pm. Emily Jackson, 2019 YP Chair, will be recognized at this event. The 2020 Engineer of the Year Gala will be held on February 17, 2020 beginning at 6:00 pm. The venue is The Westin Oaks Houston at the Galleria, 5011 Westheimer Road. More information and registration can be found at <https://houstonengineersweek.org/>.

The TIEEP Energy Forum will be held at Shafaii Hall and Garden, 1622 Federal Road, on April 2nd, the TIEEP Water Forum will be held at the Bougainvilleas, 12126 Westheimer Road, on May 7th. Please contact me at mark.s.harkness@gmail.com or Alan Rossiter at aprossit@central.uh.edu for more information.

The annual Ship Channel Tour has been scheduled for June 6, 2020. More details will follow.

In closing, I would like to give a special thanks to our Patrons who have and continue to support the Section through Season Passes.

Hope to see you at the February Meeting!



Sponsors for 2020 - Thank You

Silver Sponsors

Business Climate Leaders



Business Climate Leaders is an action team of Citizens' Climate Lobby

Silver Sponsors

Microrganic Technologies



Sponsorship of the South Texas Section – now on a rolling 12-month basis

In past years, sponsorship was tied to a calendar year. Those who became sponsors later in the year had less exposure than full-year sponsors, but at the same cost as full-year sponsors. A proposal to the STS Executive Committee, for sponsorships over a rolling 12-month period, was approved in mid-January. The 12-month rolling period will be based on the date of sponsorship application.

2020 Sponsorship Opportunities with the South Texas Section

Promote your company at eight South Texas Section dinner meetings over the next twelve months. Our dinners are held on all sides of the greater Houston metro area – west, east, north and south – significant coverage to the membership of one of the largest local sections of the AIChE.

	Bronze	Silver	Gold
Promotion during each STS dinner meeting social hour when sponsors, STS patrons and honored dinner guests are recognized	X	X	X
Promotion on social media (FaceBook, Twitter, LinkedIn)	X	X	X
Self-promotion at one dinner meeting over the next 12 months	1 minute	2 minutes	5 minutes
Opportunity to present as an after-dinner speaker at a future STS dinner meeting			X
Complimentary dinner tickets for use at any dinner meeting during over the next 12 months	2	4	8
Plaque with sponsoring company Logo			X
Sponsor Logo displayed in the monthly STS newsletter	X	X	X
Recognition by STS Chair from the podium at STS dinner meetings	X	X	X
Donation to the South Texas Section	\$500	\$1,000	\$2,000

Also, sponsorship-packages are available which combine South Texas Section sponsorship with sponsorship of the 2020 Southwest Process Technology Conference, the April 2020 Energy Forum and/or the May 2020 Water Forum.

2020 STS Opportunities

2020 STS Speaking Opportunities

In 2020, the South Texas Section and our partners will continue very successful events:

- Networking lunch programs, on the east and west sides of town, two per month;
- Monthly dinner meeting workshops;
- A stand-alone workshop evening in December 2020;
- The Energy Forum in April 2020;
- The Water Forum in May 2020; and
- The Southwest Process Technology Conference in October 2020.

If you would like to speak at any of these events, please contact Tom Rehm tom@tomrehm.com.

2020 Exhibit Opportunities

There are exhibit opportunities at the Energy Forum, the Water Forum, and the Southwest Process Technology Conference (SPTC). If you choose to be a South Texas Section Sponsor, we can work out a discount arrangement for exhibiting at these three events.

STS AIChE Awards Nominations

It's STS Awards Nomination Time!

Nominations are being accepted thru May 1, 2020 for the following STS Annual Awards:

- 2019 STS Best Applied Paper Award
- 2019 STS Best Fundamental Paper Award
- 2019 STS Best In Practice Paper Award ****NEW!!****
- 2019 STS Outstanding Young Professional Award **(Under 40)**
- 2019 STS Distinguished Service Award (Over 36)
- 2019 STS Special Service Award(s)

Nomination Forms are available in ***The South Texan***, The STS – AIChE web-site (<https://www.aiche.org/community/sites/local-sections/sts/forms/sts-award-nomination-form> ~~ Click on “HERE”), or by contacting:

Matt Christiansen	281-544-6476	Matthew.Christiansen@shell.com
Tom Menn	281-485-3719	ThomasMenn@SBCGlobal.net
Ryan Stephens	281-544-8447	Ryan.Stephens@Shell.com

2019 STS-AIChE Annual Awards Nomination Form

South Texas Section – AIChE 2019 Annual Awards Nomination Form
THIS NOMINATION FORM MUST BE RECEIVED BY **MAY 1, 2020** TO BE ACCEPTED!

Mail the completed form to:

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

Matt Christiansen, PhD Or
Best Papers Judging Chair
Shell Projects and Technology
Technology Center
3333 Highway 6 South
Houston, Texas 77082

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

Tel.: 281-485-3719

Tel.: 281-544-6476

Tel: 281-544-8447

ThomasMenn@SBCGlobal.net

Matthew.Christiansen@shell.com

Ryan.Stephens@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 and/or STS – AIChE may wish to join AIChE and/or STS – AIChE before May 31, 2020 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.)

2019 STS – AIChE Outstanding Young Professional Award (Under age 40) _____

2019 STS – AIChE Distinguished Service Award (Over age 40) _____

2019 STS – AIChE Best Fundamental Paper Award _____

2019 STS – AIChE Best Applied Paper Award _____

2019 STS – AIChE Best In-Practice Paper Award _____

2019 STS – AIChE Other _____ 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.

2019 STS-AIChE Annual Awards Nomination Form

Please enter the name of the nominated 2019 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.)

Check Best Paper Category Again:

Fundamental _____

Applied _____

In Practice _____

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

MEMBERSHIP

Note: At least one (1) author must be a STS Member.

AICHE STS

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 Co-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. **(NO MANUSCRIPTS, PLEASE.)**

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 – AIChE may wish to join AIChE and/or STS – AIChE before May 31, 2020 in order to be eligible for the recognition due a STS – AIChE Member Best Paper Award Recipient.**

Upcoming Events

2020 Offshore Technology Conference

Volunteers Needed

4 - 7 MAY 2020 at NRG Park, Houston, Texas, USA

Receive Free Pass*, Free Parking*, all the free goodies/junk you can carry away, and you may attend Technical Sessions! (**entire OTC*).

Must volunteer before 13 April 2020 (*Estimated*)

Attend Orientation Meeting (*mandatory*) & serve 4 or 5 hours in either Arrangements, Registration, or Student Tours, or “1st Timers” Lounge/Orientation.

Contact: Tom Menn @ thomasmenn@sbcglobal.net

Upcoming Events

2020 State Industrial Energy Program Moves to Houston!

For more than a decade, STS-AIChE has hosted Energy Forums – and more recently also Water Forums – for *Texas Industries of the Future*, a program run through the University of Texas in Austin, and funded by the Texas State Energy Conservation Office (SECO). The collaboration also included the Energy Efficiency Session at the annual AIChE Southwest Process Technology Conference. The forums have added an important dimension to STS's technical program, while supporting efficiency improvements in local industry.



SECO has now moved the funding right here to Houston, and the program has a new name. The new *Texas Industrial Energy Efficiency Program (TIEEP)* is now run through UH Energy at the University of Houston. This creates new opportunities for closer communication with local industry, and ensures a stronger relationship with STS-AIChE, leading to better matching of the program deliverables with the needs of the largest concentration of refineries and chemical plants in Texas.

The forums will continue, although the format may change. You can expect to see some new and dynamic programing as TIEEP builds on earlier successes and provides leadership as we move into the new decade.

The next Energy Forum is scheduled for April 2, 2020, and the theme is “Plant Resiliency - Lessons from Harvey.”

Upcoming Events

Friday, February 7, 2020 - First Friday Networking Lunch

The next STS-AIChE First Friday Networking Lunch (FFNL) will be held on Friday, **February 7th from 11:30AM - 1:00PM** at the [Wyndham Houston West Energy Corridor](#) Houston, TX 77079 United States

Speaker: Don Abrahamson

Don Abrahamson has over 50 years in the chemical process industry with experience in operations and engineering roles including: process safety management, operations management, process safety engineering, technical management, quality assurance management, process development and research. He retired from Celanese as the Global Process Safety Manager. He worked for Occidental Chemical for over 32 years. He has conducted PHAs, Audits, Incident Investigations and Process Safety Training on three continents: Americas, Europe and Asia. He is a BEAC Certified Process Safety Auditor, a CCPS Certified Process Safety Professional and an API Trained PSSAP Assessor. He formed Abrahamson Consulting LLC a Global Process Safety Company in 2010. He has four US Patents and holds a BS in Chemical Engineering from Cleveland State University.

Topic: API Process Safety Site Assessments - PHA and MOC Learnings from Over 65 PSSAP Assessments

Don Abrahamson has been a PSSAP assessor for 8 years. He will be facilitating a MOC and PHA discussion. Don's comments and observations will be based on over 65 API Process Safety Site Assessment Program (PSSAP) assessments. The discussion will include how the protocols were developed and how they are scored. Also included will be an over view of the industry performance for the original seven protocols. There will be an in-depth discussion on the industry performance on the MOC and PHA protocols. The MOC and PHA discussion will include specific industry weaknesses and strengths. This is an opportunity to compare your MOC and PHA programs to the industry and gain some insight on how you may be able to improve your programs.

Costs: The lunch menu is an all-inclusive buffet style for \$16 per person and STS-AIChE subsidizes the lunch by \$5. The non-refundable \$11 registration fee includes the subsidized lunch buffet and attendance for the lunch presentation and networking. Pre-registration reserves your seat and walk-ins welcome on an as available basis.

Select the button to pre-register for this event: [Register Now](#)

Friday, February 21, 2020 - Third Friday Networking Lunch

The next STS-AIChE Third Friday Networking Lunch (TFNL) will be held on Friday, **February 21th from 11:30AM - 1:00PM** at the [Pipeline Grill](#), La Porte, TX 77571, United States

Speaker: Liang Tao, PhD/MBA, Senior Director, Global Business Development, Townsend Solutions

509 N Sam Houston Parkway E, Suite 500, Houston, TX 77060 phone: +1-504-756-6190

Ltao@townsendsolutions.com

Dr. Tao possesses an extensive track record of executions and proven results in sales development, market research, business intelligence, database development, SAP data mine, M&A, financial analysis and planning, strategy and manufacturing excellence. He holds extensive knowledge on chemical company operational models and is a dynamic consultant in Townsend Solutions. He has worked for Specialty Chemical company Albemarle for 7 years holding various roles in Lithium and Refining Solutions GBUs as well as the Corporate Development function.

A Ph.D. in Computational Chemistry from the University of Maryland in College Park, he also obtained an MBA in Energy Finance from the Tulane University. Dr. Tao further conducted Molecular Dynamics research at Lawrence Berkeley National Laboratory at the U.S. Department of Energy, University of Southern California and Ludwig Maximilian University of Munich in Germany. He is bilingual in English and Mandarin Chinese.

Topic: Petrochemical Industry Trends

This presentation addresses current petrochemical industry's several interests by region, such as, China is trying to develop a more "structured" supply/demand, US-China trade war acts chemicals differently, Sustainability is still a mainstream issue driving attention, investment and growth on a global scale, and M&A activities continue industry consolidation and favorable debt markets. It also gives an overview of polyolefin market supply/demand, which serves as an example of Townsend Solutions' industrial development.

[Register Now](#)

Have suggestions, ideas, comments or want to recommend a speaker for future TFNF events? Please contact William Pittman williampittman@micropackamericas.com.

Upcoming Events

Spring 2020 PE Review Course for Chemical Engineering

When: Friday, January 31–April 24, 2020, 4:00pm CST

Where: [University of Houston Main Campus - Cullen College of Engineering 1](#)

4726 Calhoun Rd. Houston, TX 77024

Date 2020	Topic	Instructor
31-Jan	Introduction; Mass/Energy Balances & Thermo I	Dale Embry
7-Feb	Mass/Energy Balances & Thermodynamics II (3)	Gary Gildert, Dale Embry
14-Feb	Thermodynamics III (1); Kinetics I (2)	Dale Embry, Gary Gildert
21-Feb	Kinetics II (2); Plant Design Economics (1)	Gary Gildert
28-Feb	Fluid Mechanics I (3)	Todd Willman, Carol Schmidt
6-Mar	Fluid Mechanics II (2); Heat Transfer I (1)	Carol Schmidt, Dennis Glascock
13-Mar	Spring Break	
20-Mar	Heat Transfer II (3)	Dennis Glascock
27-Mar	Separations Processes I (3)	Antonio Garcia
3-Apr	Separations Processes II (3)	Antonio Garcia
10-Apr	Problem Session	Dale Embry, Carol Schmidt, Gary Gildert
17-Apr	Plant Design & Operations (3)	Mariella Raven
24-Apr	Sample Test Exam (3)	Dale Embry

All classes will meet on Fridays from 4:00 - 7:00 P.M.

	Course Materials	UH Logistics	Blackboard
Contacts:	Dale Embry	Nicolette Solano	Joseph McDonough
Phone:	832-815-1552	713-743-4304	713-743-9972
Email:	dembry@uh.edu	nsolano2@uh.edu	jcmcdonough@uh.edu

Course Registration Deadline: Registration is Closed

PE Exam Testing Periods: 1(Jan-Mar) 2(Apr-Jun) 3(Jul-Sep) 4(Oct-Dec)

Course Cost

Members of both National AIChE & STS \$650

Non-members \$900

Limited space - reserve your space now (cut-off for class registration – January 19th)

Click [HERE for more PE Review Course Information](#)

Cancellation Policy –by January 17 - full refund, after January 17 – no refund

Upcoming Events

Young Professionals Happy Hour February 20th Little Woodrows on Shepard!

Come out and have appetizers and drinks with the YPs!

Date: Thursday, Feb. 20th , 2020 Time: 4:00 PM to 7:00 PM

Location: Little Woodrow's Shepherd 720 Shepherd Dr, Houston, TX 77007

RSVP: E-mail sts-yp@aiche.org

Houston Engineers Week – Raffle Tickets for Houston Rockets Game!

Win a Suite at a Rockets Game & Support Local Scholarships!

- Tickets help fund college scholarships for local universities
- 14 seats and 4 parking passes
- Food and drink included
- Flexible dates from March to May (consult with owner)
- Don't have to be present to win!



Tickets: \$20 each or

\$100 for 6 raffle tickets

Drawing: Feb. 21, 2020

Contact: Lucas Von Ruff or e-mail at sts-yp@aiche.org

Online: <http://houstonengineersweek.com/rockets-raffle/>

Houston Engineers Week – 2020 Run of Pi

- Run of Pi benefits STEM programs in the form of grants to schools.
- Details: Saturday, February 15, Start Time: 8am, Registration: 7am

At MacGregor Park— Open to runners, teams, and volunteers

- Further details: <http://houstonengineersweek.org>
- Register online: • <https://raceroster.com/events/2020/25046/the-run-of-pi>

- Volunteers – contact Ksenia Kozakis at Kkozakis@midtownengineers.com



Volunteer Outreach

2020 Science and Engineering Fair of Houston!

Science Fair Volunteers Needed

The final round of the Science and Engineering Fair of Houston (SEFH) will be held in the Brown Convention Center in Downtown Houston on February 14-15, 2020. The STS has participated for many years and a number of our members volunteer yearly, but we always need some new volunteers as well. There are four options for helping out at the SEFH.

STS will have an informational table on 2:00 – 7:00 pm, Friday, February 14. We will have an exhibit and talk with students, parents and teachers. We would like to have a volunteer or two in each of the following categories: undergraduate students, graduate students, faculty members, YPs, and (chronologically) mature members. Snacks will be provided.

In early February we will need volunteers to review abstracts of SEFH exhibits and pick out the chemical engineering exhibits. SEFH will send me the abstracts around February 1. Most chemical engineering exhibits are found in one of six other categories. I can divide the abstracts among several volunteers who can categorize their assigned portion. This will save us a lot of time and inconvenience while judging on February 15.

STS will be judging exhibits on Saturday afternoon, February 15 as a special awarding agency. Chemical engineering projects are scattered among several science fair categories, so we will need 12 - 16 judges (6 - 8 in each age bracket) to find and judge them. If possible, please let us know at least a few days in advance if you would like to participate. We invite professional members and graduate students. If your child is competing in SEFH in a ChE-eligible category, you cannot judge in your child's age category. The SEFH provides lunch at 11:30, during which SEFH rules and STS judging organization are discussed. Judging runs from 1:15 – 4:15, after which our judges meet to pick the winners. Afterwards, some of our judges and volunteers traditionally opt to meet informally for dinner and networking.

Alternatively, STS members can be "place award" judges for the science fair in chemical engineering and several other categories (chemistry, energy). To do so, you will need to sign up in advance on the SEFH web site, www.SEFHouston.com. Place award judging takes place in morning and afternoon shifts. You cannot be both a place award judge and a special award judge at the same time, though you can be a place award judge in the morning and a special award judge in the afternoon.

SEFH also needs volunteers in other categories, such as registration, parking, unloading and setup, and display and safety. Undergraduate students are welcome to participate in this category. You need to sign up in advance on the SEFH web site.

All four options provide interesting technical and networking experience. (Several of our members volunteer year after year, though there is ample space for new volunteers.) For options A, B and C, please contact Matt Kolodney (713) 471-8956 or MKolodney1@comcast.net. I can answer some of the questions for categories D and E, but you should also check the SEFH web site.

Further details will be provided soon to volunteers. STS will reimburse participants for up to \$5 of their parking expenses (the total is \$5 to \$10). Lunch is free and provided by SEFH.

University Outreach Volunteer Request

This fall, the Young Professionals will be reaching out to several universities in order to talk to their student AIChE chapters about career options, industry experience, and more!

If you're an alum of the University of Houston, Rice, Texas A&M, or Prairie View, or if you're just interested in sharing your chemical engineering experiences with students, then we would love to have you as a volunteer or even coordinator!

To volunteer, please contact Swarup Bade at sts-yp@aiiche.org and include any universities you'd be interested in helping with. We'll contact you once we've secured a time and place!

STS Past Events

2019 South Texas Section – AIChE Awards Presented

The January 9, 2020 Monthly South Texas Section – AIChE Dinner Meeting at The Bougainvilleas served as a venue for the presentation of the 2019 STS – AIChE SPTC Best Presentation Award plus the STS – AIChE YP Chair Appreciation and STS – AIChE Chair Appreciation Plaques

Dr. Matthew Berg Receives 2019 Southwest Process Technology Conference Best Presentation Award

The South Texas Section's 2018 Southwest Process Technology Conference Best Presentation Award to Dr. Matthew Berg for his presentation was titled "Risky Business? The Very Tangible Supply Chain Threats of Climate Change". The South Texas Section's 2019 Southwest Process Technology Conference was held on October 9 – 10, 2018 at The Sugar Land Marriott Town Square Hotel.



Dr. Matthew Berg (*R*) receives his 2019 STS – AIChE SPTC Best Presentation Award from 2020 STS – AIChE Chair Mark Harkness (*L*).

STS Past Events

Remaining 2019 South Texas Section – AIChE Awards Presented

Emily Jackson
Receives

2019 STS – AIChE Young Professionals Chair Appreciation Plaque.

The South Texas Section – AIChE's 2019 YP Chair Appreciation Plaque was presented to Emily Jackson for her services as the 2019 Chair of STS – AIChE's Young Professionals Group.



Emily Jackson (R) receives her 2019 STS – AIChE Young Professionals Chair Appreciation Plaque from 2020 STS – AIChE Chair Mark Harkness (L).

Tom Rehm
Receives

2019 STS – AIChE Chair Appreciation Plaque.

The South Texas Section – AIChE's 2019 Chair Appreciation Plaque was presented to Tom Rehm for his services as the 2019 Chair of the South Texas Section – AIChE as well as 2018 STS – AIChE Chair-Elect.



Tom Rehm (R) receives his 2019 STS – AIChE Chair Appreciation Plaque from 2020 STS – AIChE Chair Mark Harkness (L).

STS Past Events

January Dinner Meeting Photos



Networking and Family Photos
at the January Dinner Meeting!



2020 STS-AIChE Monthly Dinner and Social Schedule

This schedule does not include other STS events, such as networking lunches, workshops, plant tours, Young Professional events, K-12 outreach, PE review course offerings, etc. 2019 will be an exciting year for the South Texas Section. To become an STS volunteer, contact Tom Rehm at tom@tomrehm.com or 832-331-6491.

South Texas Section of AIChE 2020 Dinner Venues and Dates				
Monthly Meeting	Venue	Date	Location	Address
January	The Bougainvilleas	9-Jan-20	West	12126 Westheimer Rd, Houston, TX 77077
February	Holiday Inn Airport	6-Feb-20	North	15222 John F Kennedy Blvd, Houston, TX 77032
March	The Crown Plaza	5-Mar-20	South	8686 Kirby Dr, Houston, TX 77054
April	Shaffai Hall and Garden	2-Apr-20	East	1622 Federal Rd, Houston, TX 77015
May	The Bougainvilleas	7-May-20	West	12126 Westheimer Rd, Houston, TX 77077
<i>June</i>				
<i>July</i>				
<i>August</i>				
September	The Crown Plaza	3-Sep-20	South	8686 Kirby Dr, Houston, TX 77054
October	Marriot Town Center	1-Oct-20	TBD	16090 City Walk, Sugar Land, TX 77479
November	Monument Inn	5-Nov-20	East	4406 Independence Pkwy, La Porte, TX 77571
<i>December</i>				
<i>December Social</i>				

STS-AIChE Season Pass Information

2020 Season Pass Available Now!

The STS-AIChE Season Pass offered the convenience of a single sign-up and single payment for all eight technical meetings in the 2020 season. Season Pass holders also received priority sign-up for all special events.

Season Pass holders receive a significant savings when comparing the on-site cost of the dinner meetings. No need to continue to monitor when meeting registrations are open. Save the hidden costs of multiple transactions and tracking the payments and reimbursements, if applicable.

The 2020 Season Pass costs \$189 and is available for purchase [HERE!](#)

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 the people at the registration table know 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 2020 Season Pass

2020 STS-AIChE Patrons

First Name	Last Name	Company Name
Yurika	Diaz Bialowas	Chemstations, Inc.
Tom	Rehm	The Climate Solutions Community
George	Vourazeris	Airgas Merchant Gases
Travis	Fixmer	LyondellBasell
William Paul	Waits	Unemployed
Ravindra	Saxena	ANR Consulting
Dale	Embry	ConocoPhillips
Jack	Chosnek	KnowledgeOne LLC
Thomas E.	Menn	
Jordan	Pearce	OLI Systems, Inc.
Joseph	Ramey	Westchase Design LLC
Trevor	Rice	Chemstations
Mark	Harkness	Harkness Engineering and Consulting
Matthew	Kolodney	
John	Middleton	Worley Parsons
Jim	Brigman	Ingenero, Inc.
Victor	Edwards	Vic Edwards Associates
Carol	Schmidt	Wood Group

The 2020 Season Pass costs \$189 and is available for purchase [HERE!](#)

South Texas Section Corporate Liaison Program

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

In early 2016, Travis Fixmer, a Process Optimization and Design Engineer with Huntsman Performance Products, developed an intranet website which promotes our Section and its activities within Huntsman. He offered to be a resource to individuals who would like to do the same. If you would like to promote our Section, Travis can provide you with guidance on how to proceed.

Others in our section send intra-company emails promoting the South Texas Section. This can be easily done by simply forwarding the STS monthly meeting notice email to employees in your company.

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.

If you have any questions, please contact Tom Rehm at tom@tomrehm.com or 832-331-6491.

South Texas Section AIChE

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

2020 Officers and Contact Information

Officers

Chair Mark Harkness
sts-chair@aiche.org

Chair Elect Dr. Ramanan Krishnamoorti
sts-chairelect@aiche.org

Past Chair Tom Rehm
sts-pastchair@aiche.org

Secretary Joseph Hernandez
sts-secretary@aiche.org

Treasurer Yurika Díaz Bialowas
sts-treasurer@aiche.org

Executive Committee

Position 1: Education
Babak Rafienia
sts-position1@aiche.org

Position 2: Outreach
Nabila Shamim
sts-position2@aiche.org

Position 3: Communications
Meghan Spivak
sts-position3@aiche.org

Position 4: Human Resources
Dr. William Pittman, Ph.D.
sts-position4@aiche.org

Volunteers

Arrangements: [John Middleton](#)
Awards: [Tom Menn](#)
Membership: [David Silarski](#)
Webmaster: [Talia Sanchez](#)
Young Professionals: [Emily Jackson](#)
Advertising: [Mickey Reeves](#)

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 2020

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.

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

Contact the AIChE for PERMANENT ADDRESS CORRECTIONS:



<http://www.aiche.org/contact/form>



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



AIChE Home Office
120 Wall Street, FL 23
New York, NY 10005-4020

AIChE Customer Service Center
100 Mill Plain Rd 3rd Fl
Danbury, CT 06811

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 Editor

Meghan Spivak
sts-position3@aiche.org

Submit an article! Contact:

Matt Kolodney
713-471-8956
MKolodney1@comcast.net

Reserve your ad space! Contact:

Yurika Diaz Bialowas
sts-treasurer@aiche.org

