

The South Texan



Tuesday, October 9, 2018

Monthly Meeting @ Moody Gardens Convention Center, 2nd Floor, Floral Ballroom
([7 Hope Blvd, Galveston, TX 77554](#))

Please note that this dinner event is in conjunction with 2018 SPTC conference.

6:30PM - 6:45PM Social/Networking Time
6:45PM - 8:00PM Dinner and STS Announcements
8:15PM - 9:00PM Dinner Presentation/Speaker

Check us out on [YouTube!](#)

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October Dinner Meeting

Dinner Speaker: Matt Reisdorf, Department Manager of Process Technology, Fluor



Title: *Seeing Engineering Ethics in a New Way*

Abstract: This is a unique, thought-provoking, and – yes - even entertaining discussion of how Engineering Ethics is different than you may expect. Instead of obvious examples and a focus on values like objectivity, competence, and integrity, explore how the bedrock of ethics is really built on a different set of traits – mentoring, self-reflection, and especially teamwork. With a focus on today's challenges facing chemical engineering, be prepared to view engineering ethics in a new way. This presentation covers the ethics continuing education topics required of many Professional Engineering boards.

Bio: Matt Reisdorf is Senior Director and Department Manager of Process Technology for Fluor.

A licensed Chemical Engineer, Matt has hands-on experience in process design in upstream, downstream, and chemicals systems. He has led the design activities for both small conceptual studies and large megaprojects. He currently manages one of the largest departments of Chemical Engineers in the country.

In addition to leading chemical engineering design activities, Matt has been involved in design automation and design process improvement activities. He has published technical articles on both engineering design and also on the optimization of the design process.

Matt is a graduate of Rice University and now enjoys judging the undergraduate design contest that challenged him as a student.

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.

Registration information for the main meeting is now open through our [website](#).

	Standard	On Site
	Ending Oct. 4	
Members	\$35	\$40
Non Members	\$45	\$50

Meeting Location – Moody Gardens Convention Center



This month’s meeting will be held at The Moody Gardens Convention Center ([7 Hope Blvd, Galveston, TX 77554](#)).

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

October Meeting Dinner Menu

A Modified Old School Italian evening with STS-AIChE!
 SPTC Moody Gardens in Galveston, Texas

Buffet Dinner:

- Classic Caesar Salad with Shaved Parmesan and Croutons
- Grilled Salmon with Lemon, Capers and Wild Mushrooms
- Grilled Chicken with Red and Yellow Grape Tomatoes, Garlic, Olive Oil, White Wine, Basil and Sprinkled with Pecorino Romano Cheese
- Farfalle Pasta with Marinara and Alfredo Sauce
- Roasted Italian Vegetables
- Warm Breads and Butter

Dessert:

- Tiramisu
- Italian Cheesecake

Coffee Station:

Coffee service upon request

Non-Alcoholic Beverages:

- Iced tea with Lemon Wedges
- Water

Alcoholic Beverages:

Cash Bar**

** Cash only – no electronic payment option

October 2018 STS-AIChE Chair's Letter – Carlos Salamanca

Hello South Texas Section,

STS held their monthly meeting with a great set of speakers at the Bougainvilleas. Many thanks to Uday Turaga from ADI Analytics LLC, and also to great workshops by George Buckbee from Metso, and Raul Ayala PhD from REA Technology Consultants. If you know of great speakers and/or relevant topics in our profession, let us know so we can include them in one of our future meetings.

STS-AIChE, in conjunction with our headquarters, will be organizing the Southwest Process Technology Conference. This year marks the 10th anniversary. It will happen at the Moody Gardens Convention Center. Looking forward to see many of you in Galveston. On behalf of the STS-AIChE, I would like to thank the organizing committee, keynote speakers, presenters, attendees, sponsors, and vendors for making it happen.



We are sensitive to the situation many of our community members are facing due to the downturn in the Houston economy during the past few years. STS-AIChE wants to help. While the Oil and Gas Industry is improving, we want our members to be ready for the new projects coming. One way of doing that is through our events. Our volunteers for the networking lunches, David Alexander, Fabian Solberg, and Amar Ahluwalia, have been very diligent in getting speakers and topics for our upcoming meetings. Use this opportunity to attend those gatherings as they are on different times and locations compared to our traditional monthly meetings. Topics range from job search strategies to technical skills, all of them needed to keep current knowledge, and to expand our technical tools.

The election for the 2019 open positions of STS-AIChE Chapter's Board of Director is scheduled during October and November this year. I highly encourage you to actively participate in this democratic process and cast your vote. Stay tuned for the official communication. Executive meetings take place every second Thursday of every month. If you want to participate, provide suggestions feel free to email me so we can accommodate you in any of those meetings.

Don't forget to sign up and register for our 75th anniversary celebration on November 3rd at the Houston Racquet Club. Preparation is in full swing. As STS-AIChE wants to reach every single member of our chapter, we encourage all our current and former members to contribute with participation, old pictures, industry facts, and anecdotes; so we can include them in our Diamond Jubilee celebration.

"If your actions inspire others to dream more, learn more, do more and become more, you are a leader."
– John Quincy Adams



Monthly Meeting Sponsorship – Benefits

Bronze (\$500 – \$1,000) Non-Exclusive benefits	Silver (\$1,000 - \$2,999) Non-Exclusive benefits	Gold (\$3,000+) Exclusive benefits
<ul style="list-style-type: none"> • Sponsor Logo display in the Newsletter and in the meeting slide show • Acknowledgement at the meeting • “Sixty seconds of shameless self-promotion” at the dinner meeting • Two complementary dinner tickets • Invitation to recruiting events • Social Media exposure 	<ul style="list-style-type: none"> • Bronze benefits above plus the following: • A slide from the sponsor in the dinner meeting announcement slide • A display table at the dinner meeting • Two (2) additional complementary dinner tickets for a total of four (4) 	<ul style="list-style-type: none"> • Silver benefits above plus the following: • Sponsor to designate the invited Speaker and suitable topic for the dinner meeting • Company season pass (1) • One (1) Booth at Energy or Water Forum Meetings

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Sponsors for 2018—Thank You



50 Year Membership Recognition Certificate Presentation

At the September dinner meeting of the STS at the Bougainvilleas Restaurant, a Certificate of Recognition was awarded to Mr. David Schulz for 50 years of membership in AIChE.



Left to Right: Dr Thomas Rehm (incoming Section Chair 2019), David Schulz, Ann Schulz, and Carlos Salamanca (Chair 2018)

Mr. Schulz earned his BS degree in Chemical Engineering from Auburn University. He spent the first 36 years of his career with Dow Chemical in Process Safety, and the next 10 years as a senior process engineer with CDI (an Engineering Design firm in Houston) before retirement. His area of expertise was process evaluations and audits for plants dealing with highly reactive chemicals.

David is a Fellow of AIChE. He has been active AIChE from the start – first as a student member at Auburn, and later as a Director and President of the Texas Gulf Coast section. He has attended several National meetings as well as served as Treasurer.

He and his wife Ann have 2 children and 1 grandchild. In retirement his hobbies include being in the church choir, geology, and photography.

Twelve other 50-year members also qualified for these awards, but elected to receive them by mail.

Donald Wayne Bell	David R. Hattaway	Richard D. Newman
William F. Brothers	Robert Leach	Henry D. Ralph
William S. Chaffin	Robert N. MacCallum	John D. Super
Peter G. Garside	Michael J. McGrath	Dr. Jose M. Vargas

STS - AIChE Awards Update

2017 South Texas Section - AIChE Best Papers Awards

The 2017 STS-AIChE Best Papers Competition received two (2) nominations in the Applied category, six (6) in the Fundamental category, and none (0) in the Best In Practice category. The award recipients in the Best Applied and Fundamental categories will be announced at the October 9 South Texas Section – AIChE Monthly Dinner Meeting at the Moody Gardens Hotel located at 7 Hope Boulevard in Galveston, Texas.

Young Professional of the Month: Johnny Huynh



Johnny Huynh graduated from the University of Texas at Austin in 2015 in Chemical Engineering. He has been attending AIChE meetings ever since 2016 and recently started working with the organization to manage its social media group sites. He is proud of the skills and relationships that he has developed so far in his career and is excited about what the future has to offer.

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@aiche.org and include any universities you'd be

Energy Day

STS will have a booth at the Energy Day Houston festival, which will be held on Saturday, October 20 at Sam Houston Park near downtown Houston. Our booth will be primarily for K-12 STEM outreach. It is our main K-12 STEM outreach event this fall. We hope to have a number of volunteers to supervise experiments for the students, and to provide career advice to parents, students, and teachers.

Energy Day is organized by the Consumer's Energy Alliance and includes many exhibitors from the energy industry and the nonprofit community. It is intended, among other things, to be a K-12 STEM outreach event. Due to the charge of \$500 per booth, the STS will share a booth with the Engineering Council of Houston (ECH), but we will have our own table.

We already have a few volunteers (so you won't be overworked), but we could use a few more. For further information, or to volunteer, contact Matt Kolodney (K-12 STEM coordinator) at 713-471-8956 or MKolodney1@comast.net. The event runs from 10:30 - 4:30, but if you can participate for only part of the day, we can discuss it.

10th Southwest Process Technology Conference, Call for Volunteers

October 9-10, 2018

[Moody Gardens Hotel and Convention Center](#)

The South Texas Section of the AIChE, in partnership with AIChE HQ, is hosting its Tenth Annual Southwest Regional Process Technology Conference at the Moody Gardens in Galveston, TX on October 9 & 10, 2018. The conference provides technical sessions, industry solutions in process technology, and networking opportunities for the nearly 500 chemical engineers and students that attend.



[CALL FOR 2018 SPTC VOLUNTEERS:](#)

Volunteer duties typically include working at registration, as session aides for the technical presentations, assisting exhibitors, working meal lines and collecting event tickets.

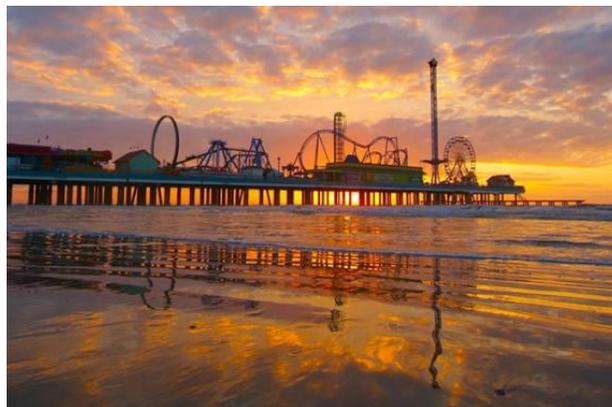
Volunteers will receive free registration for the day or days they volunteer. If you are interested contact David Silarski at sts-membership@aiiche.org and let him know if you can work one or both days.

Further information including confirmation and a schedule will be sent out later. It will be a greater conference because of your assistance.

Upcoming Events

10th AIChE Southwest Process Technology Conference

The South Texas Section of the AIChE, in partnership with AIChE HQ, is hosting its Tenth Annual Southwest Regional Process Technology Conference. This conference highlights 8 core programming areas of chemical engineering, and 2 keynote addresses. The conference will be held at the [Moody Gardens Hotel and Convention Center, Galveston, TX](#) from October 9-10.



The conference will feature sessions in these premiere topics:

[Energy Efficiency](#)

[Catalysis & Reaction Engineering](#)

[Process Intensification & Reactor Engineering](#)

[Process Safety](#)

[Distillation & Separation](#)

[Thermodynamics & Process Simulation](#)

[Petroleum Refining Technology Part 1 & Part 2](#)

[Chemical Process Technology Part 1 & Part 2](#)

Registration, sessions, and additional information can be found at the AIChE website [here](#).

Upcoming Events

October 5th First Friday Networking Lunch

The next STS-AIChE First Friday Networking Lunch (FFNL) will be held on Friday, **October 5th from 11:30AM - 1:00PM** at the **Wyndham Houston West Energy Corridor Park Restaurant and Grill** ([14703 Park Row Dr, Houston, TX 77079](#)). The restaurant is located on the east side of the hotel and there is designated parking available. There is no registration fee. The lunch menu is an all-inclusive buffet style, and the South Texas Section subsidizes the lunch by \$5. You pay at the door when you arrive and STS members as well as non-members are welcome to attend. We only request that you pre-register at the STS-AIChE.org website so we can get an accurate head count for the restaurant. **Everyone is welcome to attend!**

[Register at the AIChE STS website.](#)

Topic: Future of Ammonia and Methanol Manufacturing

Speaker: Mr. Richard (Rick) B. Strait

Farmers want low cost fertilizer and diesel fuel. In the US they spend six months checking for the low cost supply of fertilizer but in the developing world they are looking for supply from anywhere they can afford. Diesel fuel pricing is dynamic all year long and can be hedged in the US. In the developing world often times diesel fuel is in short supply or only available at a high price.

A concept is being developed where using local materials (natural gas, water and air) a farmer can produce ammonia and DME a diesel fuel substitute. The frontend produces hydrogen and carbon monoxide, this synthesis gas is converted to methanol and excess hydrogen is reacted with nitrogen from air to produce ammonia. Ammonia can be used as fertilizer directly or upgraded. Methanol can be used directly as a fuel but farmers around the world use tractors that run on diesel. These diesel engines can run on a blend of Di Methyl Ether (DME) or pure DME.

Natural gas and water are the only inputs required for production of ammonia, methanol and DME whether on a global or micro scale. Ammonia and methanol in combination is a production scheme where all the carbon can be contained in the methanol/DME product and not generating the carbon dioxide greenhouse gas (GHG).

To date the “economy of scale” has been the way to reduce the cost of an ammonia or methanol plant but we are at or near the limit of what is possible. Moreover very few companies need such large plants with their large price tags. The future is to make small highly automated plants that are portable, use readily available inputs and produce the products where they are needed. To this end the new small scale plant will include all the latest leading edge technologies that apply such as Micro Processing Technology (MPT), Process Intensification (PI) and automated safety systems.

The ammonia plant of the future is contained on one rail car, shop fabricated and containing all the latest technology. The methanol plant of the future could also be a standalone railcar. The DME plant of the future could also be a standalone railcar. But the grand scheme is to combine them all and take



Upcoming Events

October 5th First Friday Networking Lunch

Speaker Bio: Mr. Richard (Rick) B. Strait

Ammonia is the one thread that passes through Rick Strait's 40+ year career. He has had most every job in the business. Operations = Shift Supervisor to Management; Maintenance = Forman to

Management; Engineering = Process Engineer to Director; Projects = Project Engineer to Project Manager to Director. In 1969 started his career at Sohio working in M.W. Kellogg ammonia plant serial number five (5) built in 1955 then went on to build and then design some of the other 250 plus Kellogg ammonia plants.

Richard B. (Rick) Strait is an Associate with AMB Parks Consulting and Adjunct Professor with the Rice Department of Chemical and Biomolecular Engineering. He retired in 2010 after a 25 year career with KBR (formerly M. W. Kellogg) an Engineering, Procurement and Construction (EPC) Co. recognized as one of the world leaders in ammonia, fertilizers and synthesis gas chemicals (AFS). At KBR he had numerous roles from process engineer to worldwide director of AFS. His last role at KBR was Director of Coal Monetization and Director of The Singapore Center of Excellence.

Prior to KBR he was with Agrico 1975 – 1984 where he was integral in the construction startup and operation of two fertilizer facilities in Catoosa, Oklahoma, including Project Manager on the second facility. He also ran other projects in Donaldsonville, Louisiana; Blytheville, Arkansas and Kilwa Masoko, Tanzania. Prior to Agrico he was with Sohio in Lima, Ohio where he was a Process Engineer and Project Engineer supporting fertilizer plants and acrylonitrile plants.

Rick holds an MBA from Tulsa University and a BSChE from The Ohio State University where he was one of Joe Koffolt's "Jewels" and was taught metallurgy by Mars G. Fontana. Rick holds a PE license from Oklahoma (inactive). He also has six patents and many publications to his credit.

Have suggestions for future topics, formats and speakers? Please contact Fabian Solberg at fabian.solberg@eisenmann.com or +1 (815) 307-5746

Upcoming Events

October 19th Third Friday Networking Lunch

The next STS-AIChE Third Friday Networking Lunch (FFNL) will be held on Friday, **October 19th from 11:30AM - 1:00PM** at the **Pipeline Grill** ([10003 Spencer Hwy, La Porte, TX 77571](http://10003%20Spencer%20Hwy.%20La%20Porte.%20TX%2077571)). Registration is free. The lunch menu ranges from \$8 to \$12, and the South Texas Section will subsidize lunches by \$3 per attendee. STS members as well as non-members are welcome to attend. We only request that you pre-register at the STS-AIChE.org website so we can get an accurate head count for the restaurant. **Everyone is welcome to attend!**

[Register at the AIChE STS website.](#)

Topic: How to get what you need from your Boss when you need it.

Speaker: Tabitha Laser

This thought-provoking presentation is designed to energize and inspire attendees to recognize, eliminate and prevent the common 'Deadly Practices' related to learning and continuous improvement by reviewing important guidance for communicating with leaders in a language they understand. Attendees will learn techniques to help them:

Recognize and avoid 'Culture Killing Deadly Practices' from negatively impacting their ability to succeed.

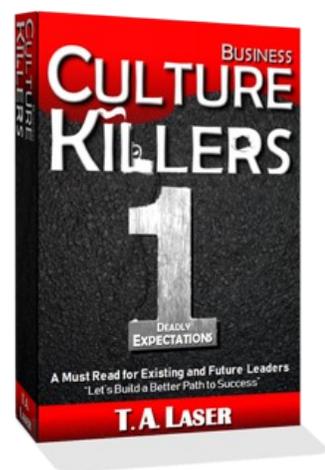
Communicate and develop alliances with leadership to reduce risks, support organizational balance, and attain positive results.

Special edition hard cover copies of the 1st book in the Organization Culture Killers series will be available for purchase after the meeting (\$19.99 +tax), which the author will be happy to autograph for you.

Tabitha A. Laser is a Leadership Educator and Coach with almost three decades of operations and consulting experience for a variety of companies in the oil and gas, energy, chemicals, manufacturing, agriculture, construction, government, and medical industry sectors. Tabitha is the author of the "Organization Culture Killers" book series, and utilizes her expertise in human behavior, risk reduction and global strategy to coach leaders and professionals on her proven methods to impact long-term success through positive change.

Have suggestions for future topics, formats and speakers? Please contact David Alexander at 832-372-2926 or davidalexanderlaw1249@gmail.com. Alternative STS contacts = jkumana@aol.com and Mayhell Coronado 346-243-5796.

Need career advice or guidance? Contact jkumana@aol.com, a free mentoring service for STS members, courtesy of our panel of senior member volunteers.



Upcoming Events

STS-AIChE Diamond Jubilee Celebration Dinner

The South Texas Section of the American Institute of Chemical Engineers is 75 years old, and we are celebrating this milestone on the evening of Saturday, November 3, with a great gourmet dinner at the [Houston Racquet Club](#), which is located at [10709 Memorial Drive](#) near Voss. This is a fantastic opportunity for you to attend a most prestigious event and to catch up with your STS-AIChE friends.

Please plan to join us for a fun filled evening and a great opportunity to socialize with your STS-AIChE colleagues. In addition to a fabulous gourmet dinner, we will recognize many of our Section's outstanding members that we have been fortunate to have over the years. The dinner will also be followed by musical entertainment provided by the NiteBeat Band, Houston's premier dance and variety band, and we will have many other interesting activities throughout the evening.

This will be a glamorous evening of dinner, music, dancing, and socializing with your STS-AIChE associates and colleagues. The recommended dress for this most elegant celebration is "black tie optional".



Seating is limited and likely to go fast. Please use the following link to obtain more details about the dinner and to register for it.

<https://www.aiche.org/community/sites/local-sections/sts/events/sts-aiche-diamond-jubilee-celebration-dinner>

The ticket prices are:

\$75 per person for STS-AIChE member or non-member and their guests

\$60 per person for STS-AIChE Season Pass Holders and their guests

\$40 per person for STS-AIChE Young Professionals and their guests

Sponsored tables are also available at the link above.

If you want to pay for the dinner by check, please use the following link to download the registration form and mail it along with your check to the STS-AIChE address on the form.

<https://www.aiche.org/sites/default/files/community/291721/aiche-community-site-event/472796/sts-aichediamondjubileecelbrationdinnerregistrationform.pdf>

If you have any questions, or need more information, please send an email message to: STS-AICHE75@sbglobal.net

See you there!

Upcoming Events – Texas Industrial Energy Management Forum

Texas Industrial Energy Management Forum, in conjunction with the AIChE SPTC, is to be held at the Moody Gardens Conference Center, Galveston, TX on October 9th. The presentation titles and speakers for this session are as follows:

TIME	PRESENTATION	SPEAKER
9:30am-10:00am	Increased Energy Efficiency and Control with Electric Process Heating	David Taylor, <i>Chromalox</i>
10:00am-10:30am	Advanced Steam System Optimization for Reliable and Efficient Production	Jim Risko, President, <i>TLV Corporation</i>
10:30am-11:00am	Coffee	
11:00am-11:30am	Real Time Energy Management Systems: On-Premise and Cloud-Based Implementation Challenges	Pablo Montagna, <i>KBC Advanced Technologies</i>
11:30am-12:00am	Utilizing WirelessHART for Modular Design, Validation, and Deployment	Mark Nixon & Kurtis Jensen, <i>Emerson Automation Controls</i>

The Texas IOF Advisory Committee is holding it's Industrial Water Management Forum on Thursday, November 1. One of the panelists will be Kathleen Jackson, a member of the Board of Directors of the Texas Water Development Board.

Topic: Wastewater Management and Reuse

Confirmed speakers:

Kathleen Jackson, Texas Water Development Board Director

Hunter Barr, Vice President, NAP Chemical

Brian McGovern, Business Development Manager, Suez Water Technologies

Jim Matharu, Sr. Vice President, Aquatech

The forum is to be held at the Shafaii Hall and Garden, 1622 Federal Rd #30, Houston, TX 77015

[Register Now!](#)

For more information, download their [Newsletter](#).

Upcoming Events

Arctic Technology Conference 2018



What do you get when experts involved in drilling, exploration, production, and environmental protection meet brilliant minds in Arctic exploration from around the globe for a 3-day event?

[Arctic Technology Conference 2018](#)

5-7 November 2018 | Houston, Texas, USA | Hilton Americas

[Register Today](#)

With Houston as one of the world's significant energy hubs, the city is the perfect meeting place for industry experts to convene and discuss cutting-edge technologies and innovative practices needed for the exploration and production in the Arctic.

Did you know?

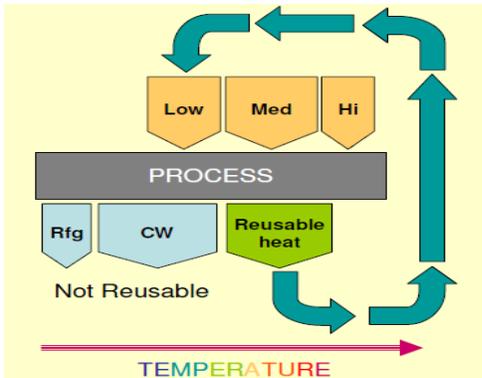
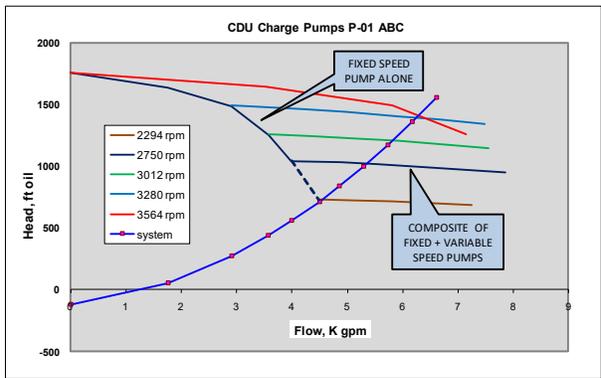
- More than 650 industry professionals work in Arctic E&P.
- OTC Arctic provides a platform for industry experts to share knowledge and experiences for a more collaborative program.
 - Technical program topics include:
 - Ice and Harsh Environment
 - Emerging Technology and Innovation
 - Pipeline, Logistics, and Transport
 - Regulatory, Environmental, and Social Responsibility
 - Resource Exploration and Production Operations
 - Why should you attend Arctic Technology Conference?

[Learn More](#)

Upcoming Events

Course Announcement

Two new courses are being offered in Houston this fall for process engineers with design or operating responsibilities in the chemical process industries, with emphasis on the hydrocarbons sector:

<p style="text-align: center;">OPTIMIZING HX NETWORKS</p>  <p style="text-align: center;">25-27 September, 2018</p>	<p style="text-align: center;">OPTIMIZING COMPLEX PUMP SYSTEMS</p>  <p style="text-align: center;">23-24 October, 2018</p>
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Get up-to-date on field-tested tools and techniques to reduce Opex and improve competitive advantage for your company, as well as turbo-charge your career.

The course instructor is an internationally recognized expert in process efficiency optimization, whose team cut the energy bill of a major NOC by 40% in 6 years (at ROI ~25%) despite gas prices as low as \$0.75 - \$1.25/MMBtu.

Course format is a combination of lectures, actual industrial case studies, and working sessions using spreadsheet software (included).

HX NETWORKS (HENS)	COMPLEX PUMP SYSTEMS
HX Design & Simulation HEN Design & Simulation Pinch Analysis – Basic Pinch Analysis – Advanced Case studies – new and retrofit	Pump systems theory Driver selection – fixed vs VFD Optimizing System Efficiency Correct Application of VFDs Case studies

Both courses will be held at the Hyatt Regency North Houston hotel located at 425 North Sam Houston Pkwy E (also known as “Beltway 8 North Loop”), Houston, TX 77060, at the intersection with Imperial Valley Road. Phone (281) 249-1234.

For more details or questions, please contact seminars@petroleumrefining.com or call 412-826-5440, and ask for Kim Wunnenberg.

Upcoming Events

STS Young Professionals

Fun and competition are brewing!



The second annual AICHE Beer Brewing Competition is being held at this year's Annual Meeting in Pittsburgh, thanks in large part to the Young Professionals Committee. Among the competitors will be a team from Chemstations, Inc., in Houston.

On October 28th, the Chemstations crew will join other teams in presenting a poster detailing their beer's recipe, brewing process, and other specifics. Beers in different categories (dark and malty, light and hoppy) will be judged on taste, and the winners in all areas will be awarded prizes. To learn more about the competition, check out www.aiche.org/brewbeer

If you're attending the 2018 AICHE Annual Meeting, come by and cheer on your Houston-Area Young Professionals!

Past Events

September Dinner Meeting

Here's a photo from the September Dinner Meeting that was held at The Bougainvilleas Houston



Summer Planning Meeting

Photo after the Summer Planning Meeting – with the STS Chair and YP Chair up front.



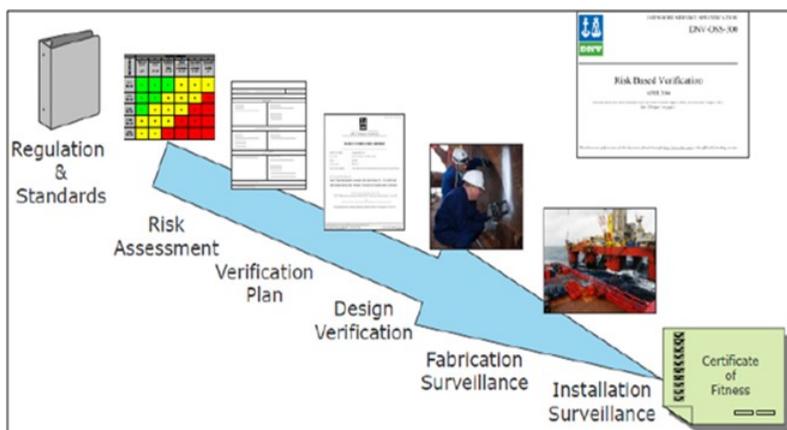
Past Events

August Networking Luncheons

Four networking luncheons were held during August and September.

Date	Topic	Speaker
3-Aug	Managing Technology Risk using the TQ process	Amar Ahluwalia
17-Aug	Advances in Thermal Oxidation technologies	Michael Foggia
7-Sept	A career path in Research and Development	Dr Sagar Sarsani
21- Sept	How to become indispensable in your Company	Ms Terry Suffredini

Technology Risk Evaluation, Amar Ahluwalia



Thermal Oxidation Technologies, Mike Foggia

Project Parameter	Thermal Oxidizer	Regenerative Thermal Oxidizer (RTO)	Flameless Thermal Oxidizer	Flare Systems
High Concentration	X		X	X
Low Concentration	X	X	X	
High Waste Stream Volume	X	X	X	X
Halogenated Service, Cl, Fl, Br	X		X	
Sulfur, Mercaptans, thiols, etc.	X		X	X
DRE 99.99%+	X		X	
Continuous Process	X	X	X	Pressure Relief, Low DRE VOC
Batch Process	X	X	X	Emergency By -Pass
Thermal NOx < 1ppmv			X	



Past Events

September Networking Luncheons

Career Path in R&D, Dr Sagar Sarsani



	Academic	Industrial
Motivation	Curiosity	Profits
Objectives	Discovery, recognition	Competitive advantage
Deliverables	Theory, Concept applications	Patents, new products, demonstration plant
Time horizon	10-15 year	2-5 years (~3 yr avg)
Key to success	Collaboration with peers	Aligned with business strategy
Funding sources	Grants from Government and Industry	Sustained corporate

How to become indispensable in your Company, Terry Suffredini

Making your own Luck

- Personal Objectives
- Long-term Career Path
- Strategy
- Plan of Action
- Recruiting Allies
- Identifying potential hurdles



STS-AIChE 2018 Meeting Schedule

Date	Location	Meeting Details (Speaker/Company/Topic)
January 11	Bougainvilleas	Process Safety
February 1	The Battleground Golf Course	Alignment, Engagement and Execution: Creating Strong Team Performance and Results –Or, How to Herd Cats!
March 1	Bougainvilleas	The Power of Modelling – Then, Now and Expected
April 5	Shafaii Hall and Garden	Energy Forum, Trends in LNG – Bigger isn't always better
May 3	Bougainvilleas	Tom Williams, Global Leader of Operator Effectiveness at Honeywell Process Solutions and Director of the Abnormal Situation Management Consortium (ASM) ; Better Decisions Faster: Simple Things Can Reduce Incidents and Improve Operator Performance.
September 6	Bougainvilleas	Uday Turaga, Founder & CEO of ADI Analytics North America: A future LNG superpower?
October 9	Moody Gardens	Southwest Process Technology Conference (SPTC) Matt Reisdorf, Department Manager of Process Technology, Fluor
November 1	Shafaii Hall and Garden	Water Forum
November 29	Trini Mendenhall Community Center	Workshops

This coming year features many great speakers and topics at our STS-AIChE Dinner meetings. We look forward to seeing you at each meeting.

STS-AIChE 2018 Season Pass**2018 STS-AIChE Patrons**

Name	Affiliation
Travis Fixmer	Huntsman
Gary Miller	Air Liquide
Carlos Salamanca	SCG
Yurika Diaz Bialowas	Chemstations Inc.
Sanjay Sharma	Honeywell
Fabian Solberg	Eisenmann Corporation USA
David Rosenthal	RSIC
Ravi Saxena	ANR Consulting
Vic Edwards	VHE Technical Analysis
Trevor Rice	Chemstations Inc.
Gus Georgeton	Stress Engineering Services
Wendy Young	Chemstations Inc.
Syamal Poddar	Poddar & Associates
George Redd	Synergen Consulting
Dale Embry	ConocoPhillips
Thomas Rehm	TERehm Consultancy LLC
Joseph T. Ramey	Westchase Design LLC
Kamal Shah	IHI E&C International
Matthew Kolodney	Entech Engineering
Arnab Baksi	Bechtel Hydrocarbon Technology Solutions

Name	Affiliation
William Paul Waits	
Matthew Clark	Armstrong Engineering Associates
James Turner	Fluor
Julie D. White, P.E.	
Thomas E Menn	
George Duane Vouraceris, P.E.	Airgas Merchant Gases
Jordan Pearce	PSE
Dimitrios Georgis	PSE
Jack Chosnek	KnowledgeOne LLC
Maximo Salazar	
Nicholas D'Ambrosio	En-Fab Inc.
John Middleton	WorleyParsons
Helen Kester	Fitiri
YP	STS-AIChE YP Guest
Carol Schmidt	Wood
Erin Green-Colaco	
Larry Chriswell	Keelson Company
Jim Brigman	Ingenero Inc

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 STS Human Resources Director, Tom Rehm, at tom@tomrehm.com or 832-331-6491.



South Texas Section AICHE

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2018 Officers and Contact Information

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Treasurer Yurika Díaz Bialowas
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Position 2: Outreach
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Position 4: Human Resources
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Volunteers

Arrangements: [John Middleton](#)
Awards: [Tom Menn](#)
Membership: [David Silarski](#)
Webmaster: [Talia Sanchez](#)
Young Professionals: [Swarup Bade](#)

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 2018

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.aiiche.org/>

Contact the AICHE for PERMANENT ADDRESS CORRECTIONS:

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

 1-800-AICHE (1-800-242-4363)

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The South Texan Newsletter Crew

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

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

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