



Monthly Meeting September 1, 2011

Central Location: Aramco Services Building, Houston
(Social Hour at 6 PM, Dinner at 7 PM)

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

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Integrated Complexes - A Luxury or Business Necessity?

Dinner Speaker: Shankar Vaidyanathan, Fluor

Co-Author: Sanjeev Kapur, Fluor

Abstract: The presentation will cover the refining and petrochemical industry trends, the challenges to staying in business and be profitable in the marketplace, industry impacts, the opportunities for synergy and the business case for integration.

Bio: Shankar Vaidyanathan is Technical Director of Process Technology & Engineering for Fluor in Sugar Land, TX. He works in the Downstream business line in the Fluor Energy & Chemicals division. He provides technology support and subject matter expert consultation for clean fuels, hydrocracking and heavy oil upgrading projects from the conceptual feasibility planning stage to design and engineering. He has experience in designing facilities in North America, Europe and Asia. Before joining Fluor, he worked for Chevron Lummus Global, Lummus Technology Division and Engineers India Limited. Mr. Vaidyanathan holds a Bachelor of Engineering degree in Chemical Engineering from Annamalai University, India and has over twenty years of professional experience.



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

Personal Development Workshop

Speaker: GiGi Lewis

10 Common Mistakes in the Office

Abstract: Need to brush up on your business etiquette skills? Want to learn ten of the most common mistakes made by employees in the workplace? Join us for this interactive workshop with GiGi Lewis, founder of Club Etiquette.

Bio: GiGi Lewis, an educator, lecturer, & active community volunteer, quietly founded Club Etiquette, a personal development group in 1995. She developed and refined the Club Etiquette method and curriculum and now teaches etiquette, personal development and Cotillion at over 20 Houston locations.

Computing and Systems Technology (CAST) Workshop

Speaker: FBI Special Agent Noel Due

Cybersecurity in the Process Industries

Abstract: The September CAST workshop will be presented by FBI Special Agent Noel Due. Agent Due will be presenting information regarding the special risk of cyber crimes to the process industries. Attacks against the process industries have increased and become much more sophisticated over the past few years. The well known StuxNet worm demonstrated the level of specificity and complexity of new attacks against plants. He will also discuss local programs for sharing information about and coordinating responses to these crimes, such as InfraGard. Agent Due is a member of the FBI's Houston Area Cyber Crimes Task Force.

PSM Workshop

Speaker: Sandra Jones

Fire Protection and Safe Design

Abstract: The physical design of a process unit can have a significant impact on potential process safety consequences. When considering pool fires consider drainage design, as fire exposures and the resulting fire protection can be significantly impacted by this design. This presentation will include a case study of a process unit that is currently retrofitting fire protection system improvements in order to mitigate the consequences of potential fire exposures. This example demonstrates the need for fire protection and process safety reviews early in the design process in order to avoid costly design changes or retrofit projects.

Bio: Sandra L. Jones, PE is a fire protection engineer with more than 22 years of experience in providing engineering and consulting services for the chemical process industry. She is the founder and principal of Fire Risk & Safety Technologies, LLC, an engineering firm that specializes in fire protection and safety consulting services. Sandra has a B.S. in Fire Protection Engineering from the University of Maryland.

Environmental Workshop—Fugitive Emissions

Lisa Swanson of Providence Engineering will present a workshop on Fugitive Emissions. Lisa, current vice-chair of Young Professionals for STS-AIChE, is experienced in providing air quality services to a variety of industries and has been involved in various environmental and air quality projects for the last 5 years.



Meeting Registration Information

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

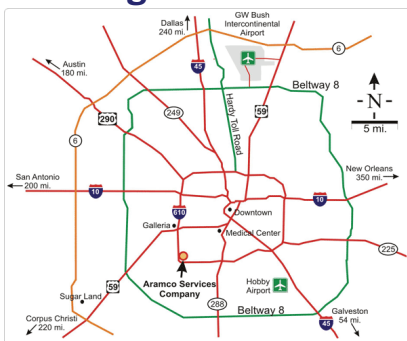
	Pre-Registration Members	Pre-Registration Non-Members	At the door Members	At the door Non-Members
Regular/Retired	\$25	\$30	\$35	\$40
Student/Unemployed	\$15	\$20	\$25	\$30
North Houston satellite meeting location	\$18	\$18	\$20	\$20

NOTE: You have until 4 PM CST on August 30th to pre-register online. After that, you will be required to pay the higher cost at the door.

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

<http://sts.aiche.org/content/meeting-pre-registration>

Meeting Location—Aramco Services Building



This month's meeting will be held at [Aramco Services Building](#) (9009 West Loop South, Houston, TX - 77096) Double click on the map to the left for directions from your location. Satellite meeting will be held at a new location this month, [Rico's Mexican Grill](#), (Sawdust location) at 314 Sawdust Rd, The Woodlands, TX, 77380 . Double click on the map below for directions. This change allows the meeting to be held in a quiet, private room upstairs. More details are included in the next section.

North Houston Satellite Meeting Information—Rico's Mexican Grill @ Sawdust Road

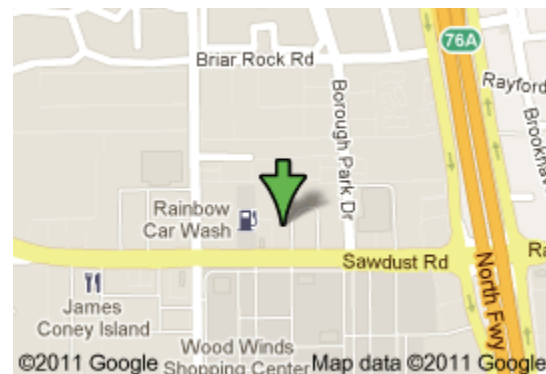
Join us without driving too far for some local networking...as we continue our efforts in 2011 to establish a satellite location of the AIChE South Texas Section (STS) monthly meeting. The STS has great speakers, and we have now established the technical capability to participate virtually (including working out the previous sound issues), thus limiting the travel involved for members and guests on the north side of Houston.

This month's meeting will have a new venue, **Rico's Mexican Grill** at 314 Sawdust Rd, The Woodlands, TX, 77380 . On-line pre-registration is available but not required. Advance requests welcome for special meals (i.e., vegetarian) to carrollcon@aol.com or cctagoe@yahoo.com Guests are welcome!

Schedule:

- ◆ 6:00 PM Social hour with live music downstairs and \$2.00 margaritas
- ◆ 7:00 PM Fajita dinner served in private room upstairs
- ◆ 7:45 PM Remote tie-in with STS-AIChE technical program at Brady's Landing
- ◆ \$18.00 in advance/ \$20.00 at the door

All guests are welcome!





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Third Annual AIChE Regional Process Technology Conference—Oct. 6-7



The Third Annual AIChE Regional Process Technology Conference will be held at the Moody Gardens Hotel in Galveston, October 6-7, 2011. Early registration is now open and continues until September 1. The conference is organized jointly by STS-AIChE and the AIChE National Office, with the goal of providing an easily accessible, high-quality technical program for chemical engineers in the Greater Houston area, focused on issues that are relevant to local industries. Here are some of the key elements of this year's conference:

- ♦ The program includes sessions on advances in chemical technologies, distillation and separation, thermodynamics and process simulation, process safety, reaction engineering/catalysis, energy efficiency, and refining.
- ♦ Our keynote speaker this year is John Lienhard, the voice and creator of KUHF's "The Engines of our Ingenuity" (<http://www.uh.edu/engines/>).
- ♦ We are adding several new features this year, including a Young Professionals track and a Professional Ethics seminar by C.W. Clark of the Texas Board of Professional Engineers.
- ♦ There will be an additional workshop on Carbon Capture and Storage, sponsored by SECARB.
- ♦ There will also be an exhibition, and the STS monthly dinner will be held at the conference on the Thursday evening (October 6).

The conference website contains additional information, including the detailed program and on-line registration - see: <http://www.aiche.org/Conferences/2011Regional/Galveston.aspx>. If you need more information contact the Conference Chair, Alan Rossiter, at alan@rossiters.org

Galveston Post-Conference Mixer

Stop by for an evening of networking and fun at Murphy's Pub in Galveston. Everyone is invited but prior [registration](#) is required to attend this event. Drinks and appetizers will be provided. The event will be sponsored by the Young Professionals of STS-AIChE. What a way to end the conference, we hope to see you all there!

Venue: [Murphy's Pub \(213 22nd St, Galveston, TX 77550\)](#)

Date: October 7, 2011 (Friday)

Time: 4:30 – 7 PM

Cost: \$10.50 (on-site registration will be \$12)

Sponsored by: Young Professionals of STS-AIChE

Registration: Click [here](#) (separate from conference registration)

YP Summer Highlights—what we've been up to...

The soaring summer temperatures didn't deter the Young Professionals – we have been active as ever during the summer break. We held our summer planning meeting where we continued to plan various events for the remainder of the year. You will see more of these events in the upcoming issues of our newsletter. Below is a group picture from our summer planning meeting in July:



Happy hours are a great way of getting the YPs together and network in a laid back environment. Below are a few snaps from the happy hour at Sams Boat and Buffalo Wild Wings in Rice Village, it was great to see more students drop by:



YP Events

YP Plant Tour – ExxonMobil Baytown Refinery

Young Professionals are organizing yet another plant tour for the YPs. ExxonMobil will be providing us a tour of their Baytown Refinery and an overview of various unit operations.

When: September 30, 2011 (Friday)

Time: 9 to 11:30 AM

Where: Baytown, TX

RSVP: Jayce Mathews at sts-yp@aiche.org

Cost: Free

We are accepting RSVPs at this time; we have limited slots available, they are on first-come, first-served basis. Once we receive your RSVP's, we will email you the details. Light refreshments will be provided.

YP Picnic

Eat, play and network as we invite all the YPs to join us for a fun-filled picnic. Feast upon delicious food, enjoy games and network.

RSVP is required to attend.

When: September 24, 2011 (Saturday)

Time: 11 AM to 3 PM

Where: Memorial Park

RSVP: sts-yp@aiche.org



Young Professionals are on



We have been active on Facebook for quite some time. Check us out and ChEnect with us at [http://](http://www.facebook.com/STS.AICHE.YP)

www.facebook.com/STS.AICHE.YP and



us.

YP Giving

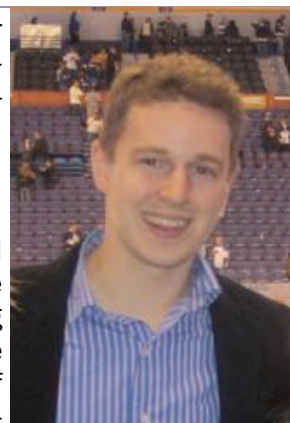
YPGiving is a new initiative that was launched earlier this year to outreach to new Young Professionals. As part of YPGiving, the Young Professionals (YP) group will sponsor one YP to our monthly dinner meetings. If you are a new YP or if you happen to know one and would like to take advantage of YPGiving, please submit your entry to the YP Chair, Jayce Mathews at sts-yp@aiche.org

Featured YP of the Month

This month's featured YP is a new addition to the YP board – Steve Van Pelt is our new assistant webmaster where he is actively involved in maintaining the YP website. Steve will also be the YPGiving recipient in our September monthly dinner meeting, so be sure to say hello to him. Let's get to know Steve in advance:

Tell us about yourself

I grew up in St. Louis, MO and graduated with my Bachelor of Science in Chemical Engineering from Purdue University in 2008. While at Purdue I was a member of the student AIChE chapter, Sigma Alpha Epsilon fraternity, and the honors engineering program. You could say that chemical engineering runs in my blood as my entire immediate family has experience in the field. I am recently engaged to my other half Erin and I'm set to be married in April of 2012. I enjoy every sport imaginable, traveling, and exploring everything that a great city like Houston has to offer.



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

I have been working for three years now as a Process Engineer at Jacobs and can't believe how far I've come since graduating college. My colleagues at Jacobs have provided me with excellent mentoring and a wealth of knowledge from which to draw upon. I have had an opportunity to lead process design teams at a young age and this has only further accelerated my growth. Due to the size and diversity of a company like Jacobs, I have several career paths to choose from and plenty of opportunities for international assignments. As I look ahead I am driven to sharpen my skills in the managerial and business side of my profession by pursuing an MBA degree.

How has STS and AIChE benefited you?

Networking with fellow chemical engineers after relocating to a big city like Houston has been invaluable for me. I plan to focus on growing the Young Professionals group and provide the ever increasing Houston engineering population with the groundwork to build successful careers. In addition, I got involved with volunteering at the Offshore Technology Conference through AIChE. I have limited experience in the upstream industry and welcomed the opportunity to expand my knowledge base. The results exceeded my expectations as I gained contacts in the upstream business and high level exposure to the energy problems and solutions of tomorrow. I would have never gotten involved if it wasn't for AIChE.

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

Join your local chapter and get involved in the Young Professionals program. Being a part of AIChE at a university and at a professional level are very different experiences. You'll find that AIChE will open up doors for you that you never knew existed. Adopt a similar philosophy in all career endeavors: never shy away from a new experience or a new conversation because you never know what hidden opportunities await.

Future STS-AIChE Dinner Meetings

Date	Sponsor	Location	Dinner Speaker Topic	Speaker	Workshops
October 6, 2011	None	Moody Gardens Hotel	Crystal Growth in Zero Gravity	Al Sacco	Regional Process Technology Conference (No Workshops)
November 3, 2011	Fluor	Pelazzio	Upstream Engineering	TBA	Yes
December 1, 2011	YPs	Kemah Dinner Cruise	N/A (Christmas Social)	None	None

Letter From Chair

Welcome back! I hope you all had a great summer. After the STS-AIChE summer hiatus, we have many events coming soon that you will want to add to your calendars.

We begin in just a few weeks with our first dinner meeting of the fall. Our featured speaker is Shankar Vaidyanathan from Fluor who will discuss refining and petrochemical industry trends with an eye on profitability. The date is September 1 with the social hour starting at 6 pm. Don't miss this first chance of our fall program to network with your chemical engineering colleagues!

Once again, our biggest event of the year will be the Regional Process Technology Conference taking place October 6-7 at Moody Gardens in Galveston. This is a convenient opportunity to hone your skills through discussions with some of the top experts in many of the core chemical engineering disciplines. Each year this conference attracts hundreds of chemical engineers living in the Greater Houston and Gulf Coast region who seek cutting edge solutions for process technology challenges. Register now to take advantage of the early registration rate!

In November, our dinner meeting returns to Pelazzio in the Westchase area. This meeting is being sponsored by Fluor and will feature an upstream engineering presentation. We are expecting a large turnout for this meeting, so mark your calendars today. The date is November 3 with the usual schedule of a social hour starting at 6 pm followed by dinner at 7 pm.

I hope you all will take the time to thoroughly browse this newsletter. It is filled with opportunities for continuing education, professional networking, volunteer opportunities, and exciting fun things to do. If you are either young or young at heart, you should look into the many activities organized by our young professionals group. If you are looking for an especially rewarding way to spend your time, please consider our many volunteer opportunities as a way to give time back to our community. If professional development interests you most, we offer workshops prior to most of our monthly dinner meetings. The details of our upcoming events can all be found in the articles and links in this newsletter and at our STS AIChE web page (sts.aiche.org).

I look forward to seeing you at the next meeting. As always, your comments and suggestions are welcome!

Warm regards,

Ken Cox, Chair, STS-AIChE

PE Refresher Course Offered Spring 2012

STS-AIChE and the University of Houston will be offering a professional engineering examination review course for Chemical Engineers during the spring of 2012. The course will be offered on Friday afternoons beginning in January at the U of H campus. Details regarding the schedule and pricing will be finalized and announced at the September 1 meeting. For more information please contact [Dale Embry](#).

STS-AIChE Awards 50 years of AIChE Membership

Robert P. Holton was recognized for 50 years of AIChE Membership at the May 5 STS Monthly Dinner Meeting held at Brady's Landing Restaurant with STS Chair Ken Cox presenting the 50 AIChE Membership Certificates.

Robert P. Holton received his BSChE-Practice from Massachusetts Institute of Technology in 1957. He is a Senior Member of AIChE. Robert served in the U. S. Air Force Reserve in 60's as an Airman 1st Class. In 1957, he joined Cowles Chemical, a producer of sodium silicate, which was acquired by Stauffer in 1967. In 1969 Robert joined Lindblad Construction Co. as General Manager. 1972 found Robert at Henkel Inc. as Vice President of Operations of Henkel's American operations which were acquired by General Mills Chemical in 1967. In 1979, he joined American Synthetic Rubber as Vice President of Operations a producer of rubber for Michelin's NA plants and solid fuel binder for the Space Shuttle Booster Rockets. In 1981 he joined W. R. Grace's Organic Chemicals Div. as Director of Nitroparaffins (where his assignment was overseeing the design of a plant, construction, and operation). Robert then became Vice President of Manufacturing for Grace Sierra Horticultural Products Co which was sold to Scotts in 1994 and became Vice President of Fertilizer Operations for Scotts Company until 1997 at which time he became Vice President Corporate engineering for Scotts and administered the capital budget.

Robert has delivered one technical paper and was the Chair of the 1956 Annual Meeting Student Program in Boston. He serves as Treasurer of United Methodist Church in his home town and as a wood worker is a Past President of the San Jacinto Woodworks Club. He also served as a Construction Advisor for National Garden in Washington DC (construction was funded by donations) from 2004 to 2006).

Robert and his wife are the proud parents of four Children who have blessed them with eleven grandchildren. He is an avid boater and also part owner of an auto repair shop.



Ken Cox (L) presents Robert P. (Bob) Holton (R) the AIChE 50 Year Membership Certificate.

2011 Offshore Technology Conference: A Success for STS-AIChE OTC Committee Volunteers

The 2011 Offshore Technology Conference was a success for South Texas Section which had 38 South Texas Section - AIChE members and a few AIChE non-members volunteering. These 38 volunteers provided a portion of the staffing for the Arrangements, Registration, and Student Tours Committees. For supplying a sufficient volunteer effort, the STS received an honorarium of \$1000 from the OTC. It is hoped that STS will be able to repeat this feat in future years. The funds are to be used to provide handouts and career guidance materials to the High School Students and Teachers taking part in the OTC Student Tours.

Those who volunteered to serve one or more of the Arrangements, Registration, and Student Tours Committees are: Bharthwaj Anantharaman, Jim Bridgett, Norman Carnahan, David Carpenter, Humbert Chu, Milea Cosby, Christine Curran, Rita DeClaris, Mark Demark, Richard Hammitt, John Hottovy, Jim Ingram, Dannis Jen, Jim Keller, Ron Klein, Christian Knudsen, Matthew Kolodney, Mark Landrum, Elaine Lange, Ric Massie, Jim Menn, Tom Menn, John Middleton, James Murphy, Robert Naeger, Syamal Poddar, Mirelle Rosca, Phil Ruziska, Carlos Salamanca, Tencha Shoemaker, Mark Siddoway, David Silarski, Mark Smith, Roger Trandell, Steve Van Pelt, Keith Wang, Walter Worth, and Marc Young.

STS and AIChE Provide Handouts for 2011 OTC Student Tours and Teachers Energy Education Workshop (A Need Program)

The STS and AIChE provided 250 goodie bags to the High School Students participating in the Student Tours and 150 goodie bags to Teachers participating in the Teachers (Energy Education) Workshop (A Need Program). The bags were provided by AIChE with career guidance materials, pens, pieces of candy, and other items that showed how diverse a Chemical Engineering degree really can be.

For the teachers, extra goodies were given that could be used in the classroom (e.g. mugs, etc). Each bag came with a pamphlet explaining how these items pertained to Chemical Engineering as well as a brief explanation of the polymers that some of the items contained. The 400 bags were stuffed by STS Young Professionals with help from some wonderful AIChE STS volunteers.

The STS Young Professionals who gave of their time and effort were Carol and Nathan Schmidt (who hosted the bag stuffing party), Jayce Mathews, Steve Van Pelt, Kelly Richardson, Meaghin Lucero (and Sam). AIChE STS bag stuffing volunteers were John Middleton, Matt Kolodney and Mrs. Kolodney. Tom Menn and Carol Schmidt transported the 12 huge boxes of bags to the Reliant Center. Carol Schmidt passed out bags at the event and brought the leftover bags to the monthly meeting to share with the AIChE membership.

A great big thanks to AIChE National, AIChE STS, AIChE STS YP, OTC, SPE and NEED for working together to educate and entice a new generation of engineers at OTC! Also, a big thank you to all of the companies that donated items to put in the bags: Chemstations, Dow, Advanced Sensors, and Cetco!

If you are interested in helping with or donating to OTC bags for 2012, please contact Carol Schmidt at Carol.Schmidty@gmail.com.

STS Volunteers Aid in Staffing AIChE Booth at 2011 Offshore Technology Conference

Joe Cramer and Kristine Chin of AIChE headquarters were present for the entire OTC. They were assisted by a number of STS Members. These STS Members assisted in staffing the booth to provide breaks for Joe and Kristine: Norman Carnahan, Jim Murphy, Syamal Poddar, Dave Silarski, Walter Worth, and Tom Menn.

Pictured: Joe Kramer and Kristine Chin at 2011 Offshore Technology Conference AIChE Booth



Call for Volunteers

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

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

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

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

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

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

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

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 co-operation with organizations such as HUNSTEM.

IEEE [http://www.ieee-houston.org/Committees/SAC/Brochure IEEE%20Houston 7 Oct 2007.pdf](http://www.ieee-houston.org/Committees/SAC/Brochure%20Houston%207%20Oct%202007.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.



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AICHE/SPE Joint Workshop



September 26-28, 2011
Omni-Houston Westside
Houston, TX, USA

Cosponsored by the American Institute of Chemical Engineers (AIChE) and the Society of Petroleum Engineers (SPE)

Challenges in Flow Assurance and Crude Oil Quality

This joint AIChE/SPE workshop will focus on the integrated relationship between flow assurance and facilities design. The integrated approach to flow assurance involves reservoir, subsea, and topsides engineering teams evaluating all aspects of field development and discussing the impact of flow assurance solutions.

Technical Advisory Committee:

Norman Carnahan, Carnahan Corporation

Scott Hickman, ExxonMobil

David Rosenthal, Jacobs Engineering

Dendy Sloan, Colorado School of Mines

Hariprasad Subramani, Chevron Energy Technology Company

Irv Wiehe, Soluble Solutions

For more information, visit <http://www.aiche.org/conferences/specialty/6thSPEWorkshop.aspx>

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STS Volunteer Opportunities

General considerations. It would be great if AIChE had an implantable chip to distribute to members giving them instant chemical engineering expertise. Unfortunately, AIChE National says that's a long way off. Additionally, thinking back to engineering school, if we wanted to learn to be an engineer, we had to go to class and do homework. As STS members, we can benefit from attending meetings, from networking, and from reading CEP, but even greater benefits are the experience and the contacts that come from being an active volunteer.

At STS, we have a number of opportunities to volunteer and grow. You can exercise your current skills or learn new skills. You can ask for and choose a job you want (would enjoy doing). Your volunteer job can help prepare you for a paid job. Others will be happy to assist you in learning and performing it. We want you to succeed and grow. We have found that if you do something you enjoy, you'll do well. It's a win-win situation, for you and for us. This is also an opportunity to try a new opportunity, to see if you like it, and to do so without risking your current job.

K-12 Outreach Committee. An excellent opportunity for engineers who want to work with others. You can experience different ideas and methods in educational outreach, and help AIChE plan the upcoming STS K-12 outreach program. Interface with AIChE (national) SIOC, work with other technical people, with other local societies, with students and parents, and with teachers. Other people have already developed the outreach activities. We can provide contacts in school systems, contacts with various local outreach programs, pre-developed activities, and examples of outreach in other local sections. For now, you get to show up for a day, get the experience, and report back to us at AIChE. If and when you like, you can try out some of your own ideas. The contacts, experience, and understanding you have developed will help your own program to succeed.

Custom-Designed Opportunities. If you'd like to get involved, but none of these opportunities is close enough to what you want, contact the STS Volunteer Recruiter (me), and we'll try to design an opportunity to meet your individual needs. It has been done successfully in the past.

If you're interested, contact our STS Volunteer Recruiter, Matt Kolodney, mkolodne@tceq.state.tx.us.

Chemical / Engineering Opportunities (C/EO)

Are you unemployed and looking for work? The STS provides a service that finds engineers work.

Since it began in 1983, Chemical/Engineering Opportunities (C/EO) has provided more than 1,000 chemical engineers and chemists to chemical manufacturing companies, analytical chemical laboratories, environmental firms and process design firms seeking such individuals to meet their technical needs.

C/EO is sponsored by South Texas Section of the American Institute of Chemical Engineers. The charter of the committee is to facilitate the re-employment of chemical engineers in the Houston area.

Chemical engineers wanting to participate in C/EO must meet the following criteria:

- * You are unemployed.
- * You are a member of **both** the National AIChE and the STS Local Section. When you visit our office, have your membership card available.
- * You must volunteer a minimum of 3 hours per week in the C/EO office, helping answer the phones, indoctrinate new Volunteers and, most importantly, help in the mailing of the Profiles.
- * Volunteers must reside in the Houston Metropolitan area. Volunteers who fail to show are delisted.
- * Provide addresses, phone numbers and contact names of 14 companies which typically employ chemical engineers or chemists. This ensures our database remains current.

For more information, please contact the C/EO Director, Jim Murphy, at jrmurphy2@aol.com. The C/EO page on the STS website is: <http://sts.aiche.org/content/ceo-chemical-engineering-opportunities>.

The C/EO Office is located at:

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As a section of AICHE, we serve chemical engineering professionals in the South Texas region through education, professional development, and networking.

Vision 2013

<<To be developed>>



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

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