

# The South Texan

2003 Marx Isaacs Award for Outstanding Large Section Newsletter



## Special Notes

- Location: Park Plaza Hotel Reliant Center
- ExComm Meeting 4:30 PM
- No Workshops this month
- Energy Forum 4-6 PM
- Networking 6-7 PM
- Dinner 7 PM
- Keynote Speaker 8 PM: Mr. Hugh Guthrie, Department of Energy

## Inside this issue:

Energy Forum Details	2-3
Speaker Details	3
Calendar of Events	4
Announcements	4
Public Awareness Conference	6
Volunteer Recognition	8
From the Editor	8
STS 2004 Paper Awards	9-10
O'Connor Process Safety Center Symposium	11
Vital Links	11
Contact Information	12
Subscribe/Unsubscribe	12

## Monthly Meeting October 6, 2005

**Guest Speaker: Hugh Guthrie, Department of Energy**

**Topic: Chemical Engineering: Past, Present, and Future: A Personal Perspective**

Hugh Guthrie will share highlights of 63 years of chemical engineering experience, including the threads of continuity, challenge, and change in industry, government, AIChE, and life in general in developing a perspective on the past and the present, and using that experience to speculate on the future.

Mr. Guthrie is a long-time AIChE member. He retired from Shell and is currently working with the Department of Energy. Hugh is also the featured panelist for the Energy Forum.

Complete your reservation online at:

<http://www.sts-aiche.org/reservations/sts-aichereservations.htm>

Or call (713)-295-4847 to make reservations until 4:00 PM Tuesday October 4. See page 4 for additional information.

**Reservations for the dinner are separate from the Energy Forum.**

## Energy Forum

The STS-AIChE is hosting the Fall 2005 Texas Industrial Energy Management Forum prior to its monthly dinner meeting on Thursday, October 6, from 4-6 PM. There will be a set of presentations by a panel followed by a question and answer period.

Long time AIChE member **Hugh Guthrie**, a retired Shell employee who is now with the Department of Energy, is the featured panelist for this Energy Forum.

The panelists and their presentations include:

Sean Diamond, Texas Petrochemicals, "Texas Petrochemicals Energy Strategy: Back to Basics"

Thomas R. Theising, BASF Corporation, "BASF's Energy Survey Methodology"

David Schowalter, Fluent Inc., "Case Studies on Using Simulation to Maximize Energy Savings"

Hugh Guthrie, U.S. Department of Energy, "A Personal Perspective on U.S. and Global Energy"

An exhibit area will be behind the audience where the social period will be held from 6-7PM. Parties interested in exhibiting at the Energy Forum should contact Dennis Griffith at 713-857-6428 or e-mail him at [dennis-griffith@pdq.net](mailto:dennis-griffith@pdq.net). **For registration, see page 3.**

## FALL 2005 Energy Forum Features Hugh Guthrie

### Texas Petrochemicals Energy Strategy: Back to Basics

**Speaker:** Sean Diamond, Manufacturing Optimization Manager, Texas Petrochemicals

**Abstract:** This presentation will explore the operations strategy, from an energy perspective, that helped turn around Texas Petrochemicals and bring them out of bankruptcy. The discussion will focus on the energy management program, the "back to basics" approach and the more unique projects that have reduced energy consumption at TPC.

**Bio:** Sean Diamond, the manufacturing optimization manager for Texas Petrochemicals, LP, joined Texas Petrochemicals in October 2004. He has responsibilities for all matters related to energy/process optimization, energy supply and security, and process controls. He was formerly with Shell Services Energy Solutions and Lyondell Chemical Company where he worked in project management, reliability/maintenance engineering, business analysis, energy management and optimization. Sean is a graduate of Texas A&M University where he earned a BS in Mechanical Engineering. He also graduated from the University of Houston with an MBA in Finance.

### BASF's Energy Survey Methodology

**Speaker:** Thomas R. Theising, Manager, Energy Systems, BASF Corporation

**Abstract:** BASF Corporation operates several dozen manufacturing sites within NAFTA and periodically conducts energy surveys at each site. Although these manufacturing sites represent a variety of products, BASF has found success in a common approach of identifying savings opportunities. A minimum amount of time is required for these "quick look" type of survey which lead to an average of greater than 10% energy savings on an annual basis.

### Case Studies on Using Simulation to Maximize Energy Savings

**Speaker:** David Schowalter, Ph.D., Lead Consulting Engineer, Fluent Inc.

**Abstract:** Mr. Schowalter will cover three case studies using Computational Fluid Dynamics (CFD) to improve performance: 1) Improving the distribution of water spray injectors for quenching the effluent from a waste heat exchanger; 2) Optimizing the flue gas flow profile through the convection section of a multi-cell reformer furnace; and 3) Implementing ultra low-NOx burners in an ethylene cracking furnace.

**Bio:** David Schowalter is Lead Consulting Engineer for Energy Business Services at Fluent Inc. After receiving his Ph.D. from the University of California, San Diego in 1993 where he concentrated on turbulence, he became a Visiting Assistant Professor at North Carolina State University in the Department of Marine, Earth and Atmospheric Sciences. At Fluent Inc. since 1997, David has been involved in consulting, technical support, sales, and business development within the turbomachinery, aerospace, petroleum and power industries.

### Personal Perspective on US and Global Energy

**Speaker:** Hugh Guthrie, Senior Advisor, National Energy Technology Lab, US DOE

**Abstract:** Mr. Guthrie will share his perspective on US and Global Energy, based on his six decades in the energy sector, in senior leadership positions in both industry and government. Hugh will present a discussion of where we have been, where we are, and where we might be with respect to energy. He'll discuss the key factors that influenced the past and present, and how they will play into the future of energy.

**Bio:** Hugh Guthrie holds a position in senior management and serves as a technical advisor at the DOE National Energy Technology Laboratory in Morgantown, West Virginia. He has more than six decades of chemical engineering practice in technical and management positions, including 33 years at Shell, 6 years at Oxy, and 2 years at Stanford Research Institute. His governmental experience includes 3 years as Director of Oil and Gas for ERDA and DOE, and 18 years at NETL and its predecessor agencies. He is the past president of AIChE, an Emeritus Member, Fellow and has received the Founder's Award. He is still active with the RANTC Committee, Management Division, Forum of Past Presidents, and Foundation Board.

## FALL 2005 Energy Forum Program / Registration Information



### Program

STS-AIChE Welcome

*Moderator:* Dennis Griffith, Granherne-KBR

Presentations

Questions & Answers

Networking, 6:00 to 7:00 pm

**Registration.** There is no cost for attending the Energy Forum; however, please pre-register on the Texas IOF website <http://clearinghouse.ces.utexas.edu/tiof/2005TEMForum.asp>, so we can provide adequate facilities.

**Registration for the Energy Forum is separate from the dinner. You must register for each meeting separately.**

Funding for the Energy Management Forum was provided by the US Department of Energy Industrial Technology Program, under a contract with the State Energy Conservation Office of the Texas Comptroller of Public Accounts.

---

### Dinner Meeting Speaker Details

Speaker: Hugh Guthrie, Department of Energy

#### **Chemical Engineering: Past, Present, and Future**

Abstract: Hugh Guthrie will share highlights of 63 years of chemical engineering experience, including the threads of continuity, challenge, and change in industry, government, AIChE, and life in general in developing a perspective on the past and the present, and using that experience to speculate on the future.

Bio: Mr. Guthrie is a long-time AIChE member. He retired from Shell and is currently working with the Department of Energy. Hugh is also the featured panelist for the Energy Forum.

**There will be no October Workshops due to the Energy Forum.**

---

## Dinner Meeting Registration Information

Register for the Dinner Meeting online at:

<http://www.sts-aiche.org/reservations/sts-aichereservations.htm>

To navigate to the registration page, go to <http://www.sts-aiche.org> and click on the [Registration](#) link near the middle of the page.

You may also cancel a reservation using this link.

The cost of the dinner is \$22 with reservation, \$24 without, 1/2 price if student, retiree, or unemployed. Payments are not (yet) accepted online.

We look forward to seeing you there!

---

*Attendees of the Dinner Meeting will earn 1 PDH for the Texas Professional Engineer Continuing Education Programs. Remember to track your hours!*

---

## ExComm Meeting

The Executive Committee will meet from 4:30 PM to 6 PM Thursday, October 6 at the Park Plaza Hotel, Reliant Center.

## Calendar of Upcoming Events

Mark your calendars! This year's meeting dates will be:

October 6, 2005	Hugh Guthrie as part of the Energy Forum Program
November 3, 2005	Beer Factory Tour - Student Night, catered dinner
December 1, 2005	Spouse's Night - Chem E & Stem Cell Research
January 12, 2006	Possible joint meeting with ASME
February 2, 2006	Process Safety Forum
March 2, 2006	Energy Forum
April 27, 2006	Distillation-Themed Dinner meeting ( <i>The Distillation Symposium is on hiatus this year. We're looking for someone to try to fill Jim Morris' shoes and chair the event next year</i> )
May 4, 2006	Awards night
June, 2006	Host National AIChE Leadership Conference



**Quantum**  
Technical Services, Inc.

**Tower Scans**  
**Pipe Scans**  
**Interface / Level Measurement**  
**FCC Scans**  
**Coke Drum Scans**  
**Radiation Safety Services**

**Experience You Need**  
**Service You Deserve**

**281.461.7200    [www.quantumtec.net](http://www.quantumtec.net)**



## Announcements and Activities



The STS-AIChE website is getting a facelift!

We expect to have the revised website active in early October. We are trying to clean things up a bit and make the important information such as meetings, speaker information, and workshop information easier to find.

Through the year, expect to find the site regularly updated in advance of the meetings.



# Petro-SIM™

## THE NEW STANDARD

### Optimizing Refineries and Petrochemical Complexes Worldwide

KBC PROFIMATICS®, the market leader in process simulation software, brings you Petro-SIM™, the foremost simulation package for hydrocarbon processing. Petro-SIM provides the unique capability to simulate complete refineries and petrochemical plants in a single flowsheet. From detailed process modeling on a single unit to plant-wide economic overviews, Petro-SIM delivers.

Petro-SIM is the cornerstone of KBC Profimatics SIM Suite, a comprehensive, integrated set of software for profit improvement. Petro-SIM is a rigorous, full-featured process simulator that can accurately model key processes such as:

- Fluid Catalytic Cracking
- Catalytic Reforming
- Hydrocracking
- Hydrotreating
- Delayed Coking
- Visbreaking and Thermal Cracking
- Alkylation
- Residue Hydrotreating
- Distillation
- Aromatics
- Isomerization
- Product Blending

*KBC's experience speaks for itself. We have significantly improved the profitability of over 150 facilities through plant-wide optimization. Let us add you to our list of satisfied clients.*



**PROFIMATICS®**

Gain the competitive advantage for your plant - contact KBC today:  
[software@kbc.com](mailto:software@kbc.com) • [www.kbc.com](http://www.kbc.com)

**Americas**

+1 281 293 8200

**Asia**

+65 6735 5488

**Europe**

+44 (0) 1932 242424



## Public Awareness Conference—Coastal Subsidence, Sea Level, and the Future of the Gulf Coast

You probably saw the importance of subsidence with Hurricane Katrina. The Houston Geological Society (HGS) and the Engineering, Science and Technology Council of Houston (ECH) invite you to a public awareness conference, **"Coastal Subsidence, Sea Level and the Future of the Gulf Coast,"** that we are sponsoring on November 3, 4, and 5, 2005 in Cypress, Texas (NW Houston metropolitan area).

Our conference is planned because some significant causes of subsidence and their effects on infrastructure planning in Texas have not yet been made known to policymakers and the public. This conference is intended to be a neutral, non-political, informational presentation of the overall subsidence issue. The presenters will be experts from the National Geodetic Survey, the U.S. Geological Survey, the Texas General Land Office, and the Houston/ Galveston Subsidence District, and nearby universities. It is a nonprofit event, and a three-day registration (including breakfast, lunch, and snacks) will cost only \$160 (Other options are available.). The presentations on Thursday Nov 3 will be relatively technical in nature, while the presentations on Friday and the field trip on Saturday are for a more general audience.

We hope you will join us for this event. Learn more about the conference and download a registration form for faxing to the HGS office by visiting our web site, <http://www.hgs.org/en/cev/?416>.

Measuring and understanding subsidence is important. Not all measurement techniques are equal. Subsidence contributed to much of the devastation from Hurricane Katrina. Only during the past year through the work reported in NOAA TECHNICAL REPORT NOS/NGS 50 were Louisiana policymakers made aware of some gaps in their understanding of subsidence. Unfortunately, there was little time for Louisiana to react to the study before Katrina. This terrible event has highlighted the real need for carrying 'first order leveling' surveys in Texas, so we can plan and install infrastructure where appropriate.

Subsidence affects more than coastal storm surges. It affects overland and riverine flooding from tropical storms and hurricane evacuation routes and planning. Subsidence also involves groundwater usage limits and expensive conversion to surface water supplies, as well as the effects of oil and gas extraction. Uneven subsidence rates can affect sewage and water distribution systems.

We hope that increasing public and governmental awareness and providing a thorough discussion of all aspects of subsidence and how to measure it will better equip policy makers and their advisors to avoid the possible consequences of subsidence here in Texas.

Best Regards,  
Conference Steering Committee  
Representing ECH



For Chemical &  
Refining Facilities

# API TECH Data Book 7™

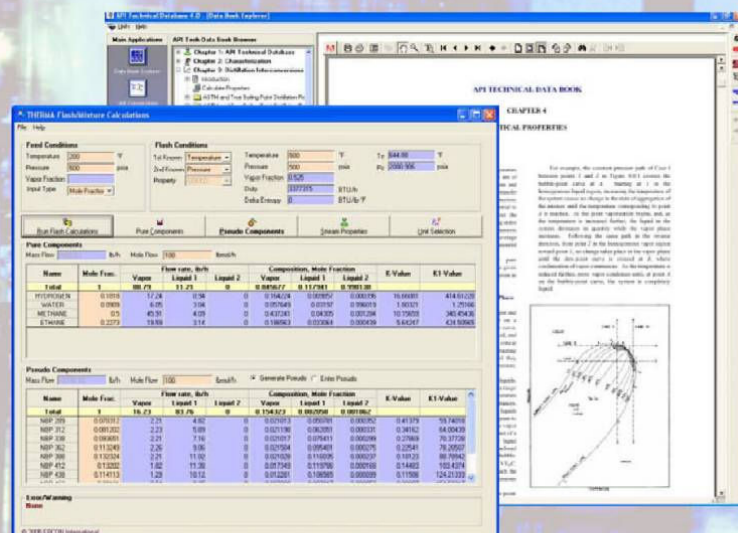
**API**  
American Petroleum Institute

## API TECH Data Book 7

- 40 years of API Funded Research and Development
- Participation by 127 Leading Thermodynamics Experts
- Development of 161 API Physical Property Methods
- Based on 2012 Technical References and Resources

The New 7<sup>th</sup> Edition of the popular API Tech Data Book provides all 15 chapters of the Data Book in searchable text format along with software applications to accurately calculate over 130 recommended API methods. Navigate through the electronic version of the Data Book using the Data Book Explorer™ to quickly find a desired API procedure. Review its recommended use and application and then directly access software specifically designed to implement these procedures. All of the Data Book figures and tables are included and have been digitally optimized to provide the best possible quality.

The API Tech Data Book 7 now accurately analyzes 3-phase, hydrocarbon systems based on the API-SRK equation of state with automated use of recommended API interaction parameters. This provides unmatched accuracy and performance for analysis of water and hydrogen to help further optimize your plant for profitability and safety. API members will receive a special price for the API Tech Data Book 7 in both printed and electronic format along with all these powerful software tools of only \$2995/yr (a \$1000 savings - valid thru 9/2005). Contact EPCON International at 800-367-3585 for more information.



**EI EPCON**  
International

800-367-3585 [www.epcon.com](http://www.epcon.com)  
16225 Park Ten Place, Suite 600, Houston, TX 77084

## We LOVE Our Volunteers!

In the September Newsletter, some volunteers' names were inadvertently left off the list of Volunteers for the OTC Registration Committee. I apologize for the oversight, and now give the complete list of volunteers its due. Extra thanks to **Dave, Mirelle, David, Roger, and Lou** for their forgiveness.

## OTC Registration Conduct Committee Volunteers Provided by the STS

The following individuals responded to the South Texas Section's call for volunteers to provide staffing of the Offshore Technology Conference Registration Conduct Committee. As a result of their volunteer efforts, each of these individuals received a complimentary OTC registration and in/out parking privileges. The STS at times is requested to chair an OTC Conduct Committee and in an effort to keep an active OTC volunteer group, an effort is made in any year that STS does not chair a Conduct Committee to provide volunteers for the OTC Registration Conduct Committee. The South Texas Section wishes to extend its appreciation to these volunteers for their efforts.

**Robert (Bob) Alexander**

**Marisol Alfonso**

**Ewald Burckhardt**

**Norman Carnahan**

**Darin Cunningham**

**Mark W. Demark**

**Vas P. Kenyen**

**James W. (Jim) Menn**

**Tom Menn**

**James "Red" Murphy**

**Dave Pay**

**Mirelle Rosca**

**David Silarski**

**Roger Trandell**

**Lou Turner**

---

## From the Editor

When I started thinking about topics for this column, I had high hopes that it would be full of bright, positive, and perhaps witty observations of our industry, the world, or anything else that might pertain to our meetings.

Yet we can hardly avoid the aftermath of the devastating Hurricane Katrina, the displacement of refugees to our front door, and the direct effect on our industry. Plants that we have designed, built, visited, redesigned, worked in, counted on, and otherwise are vested in are under water—and under severe scrutiny. Personally, it's just as heartbreaking for me as seeing homes submerged. It is everyone's hope that they will get dried out and be running at full capacity soon. But there is much work to do to replenish the infrastructure first.

I had that much written when Hurricane Rita headed our way. I was going to write that she was giving Houston the evil eye, but figured that was too corny. We dodged the bullet this time, but we might be overdue. Around Houston, there were 3 storms in 1989, TS Dean in 1995, and of course TS Allison in 2001 (For some great historical data, check out <http://hurricane.terrapin.com/>). And if you believe the "experts," we are in for a good many more years of big bad storms.

If we learn anything from this year's storms, it should be that preparedness happens long before the storm has even been detected. My husband and I, both raised in Florida, are old hats at hunkering down, battening down the hatches, and all the other clichés. Many native Texans (or semi-natives) were likely ready as well. We've lived it; we've done it many times; we're used to it. I won't say we didn't get nervous, but we were confident that we did nearly everything we could.

This philosophy should relate to not just hurricanes but safety consciousness in general. We don't need to live in paranoia, but we can be prepared for whatever comes our way. If we continually practice being prepared (safe), if it becomes part of our everyday lives, then when emergencies happen we are ready. We can stay calm and make rational decisions—vital practice for any emergency.

This hurricane season may not yet be over. As the recovery begins, it is not too early to start thinking about how best to stay prepared for next year.

Susan Cannon, Editor  
SusanCannon119@aol.com

---



## South Texas Section Paper Awards (1 of 2)

### 2004 STS Best Applied Paper Award

Walter G. Chapman, K. Y. Song, and M. Yarrison of Rice University

The 2004 STS Best Applied Paper Award was awarded to Walter G. Chapman, K. Y. Song, and M. Yarrison of Rice University for the paper entitled:

"Experimental Low Temperature Water Content in Gaseous Methane, Liquid Ethane and Liquid Propane in Equilibrium with Hydrate at Cryogenic Conditions" that was published in **Fluid Phase Equilibria** Volume 224 (2004) pages 271-277 by Walter G. Chapman, K. Y. Song, and M. Yarrison of Rice University.



Shown in photo from left to right: STS Chair Tommy John, 2004 Best Applied Paper Award Recipients K. Y. Song, W. G. Chapman, and Matt Yarrison, and Awards Chair Tom Menn

### 2004 STS Best Fundamental Paper Award

James T. Richardson of the University of Houston, R. M. Scates, and M. V. Twigg

The 2004 STS Best Fundamental Paper Award was awarded to James T. Richardson of the University of Houston, R. M. Scates, and M. V. Twigg for the paper: "X-ray diffraction Study of the Hydrogen Reduction of NiO/ $\alpha$ -Al<sub>2</sub>O<sub>3</sub> Steam Reforming Catalysts" that was published in **Applied Catalysis A: General** volume 267 (2004) pages 35-46 by Drs. J. T. Richardson, R. M. Scates, and M. V. Twigg.



Shown in photo 2004 from left to right: STS Chair Tommy John, 2004 Best Fundamental Paper Award Recipients James T. Richardson and R. M. Scates, and Awards Chair Tom Menn.

### 2004 STS Special Service Award

Dr. Richard Newman P. E., Chair of the STS Arrangements Committee

At the September 1<sup>st</sup> South Texas Section Monthly Dinner Meeting, the 2004 South Texas Section Special Service Award was presented to Dr. Richard Newman P. E. in recognition of his tireless efforts as Chair of the STS Arrangements Committee. Dr Newman has chaired this committee for a number of years and has done a splendid job.



Shown in the photo from left to right: STS Chair Tommy John, 2004 STS Special Service Award Recipient Dr. Richard Newman, and Awards Chair Tom Menn

## South Texas Section Paper Awards (1 of 2)

### STS 2004 Best Paper Awards Judging Committee

The STS 2004 Best Paper Awards Judging Committee or Team was chaired by Sujatha (Sue) Degaleesan of Shell Global Solutions (US) Inc. She chaired a committee consisting of 21 members. All except Tom Bevilacqua of Berwanger Incorporated were employed by various Shell Oil companies. The members of this committee were:

Tom Bevilacqua (Berwanger Incorporated)

Karl Anderson

ChesterBrooke

Pierre Carrette

Les Chewter

Celeste Colantonio

Sujatha Degaleesan

Sheila Dubey

Raymond French

Gijs Groen

Lane Joffrion

Sriganesh Karur

Patrick Malone

Andreas Matzakos

Joe Powell

Janine Toner

Ernesto Uehara-Nagamine

Peter Veenstra

Jon Worstell

Rachel Worthen

Paul Weider

The South Texas Section wishes to extend its sincere thanks and appreciation to these ladies and gentlemen who did an excellent job of reviewing the 11 fine papers that were nominated this year which is a new high for recent times. There were four (4) fundamental and seven (7) applied papers nominated. Actually, 12 papers were submitted but one was determined to have been published in 2005 so it has been already entered in the 2005 Best Applied Paper Competition. The South Texas Section also wishes to thank those who entered papers in the 2004 Best Paper Competitions and encourages them and everyone else to do so next year.



"Chemstations is about SMART people solving HARD problems... with **INTEGRITY.**"

From steady state simulation to dynamic simulation to online process control to data reconciliation to computational chemistry:

CHEMCAD is ready, and Chemstations is focused on helping **you** run **your** business **your** way.

**CHEMSTATIONS**

Steady State, Dynamic, Continuous, Batch, Semi-Batch, Simulation, Equipment Design/Rating, Offline, Online

© 2005 Chemstations, Inc. <http://www.chemstations.net> 713.978.7700 1.800.CHEMCAD

## Mary Kay O'Connor Process Safety Center 2005 International Symposium and Ethics Session

The **2005 Mary Kay O'Connor Process Safety Center Symposium** will be held on **October 25-26, 2005** at the **Reed Arena** on the Texas A&M University campus in College Station, Texas.

The complete Mary Kay O'Connor Process Safety Center - 2005 International Symposium Program is available online at:

<http://process-safety.tamu.edu/symposium/2005/Program.htm>

Presenting the *Frank P. Lees Memorial Lecture* on day one, "Lesson Learned from Unreported Incidents and Near-Misses," will be **Mr. Christopher Hart**, Assistant Administrator for System Safety, Federal Aviation Administration (FAA). Day two keynote speaker is **Mr. Gary Visscher**, Board Member on the US Chemical Safety and Hazard Investigation Board, presenting "Lesson Learned from Recent CSB Investigations." Also, **Mr. Don Kimbril** with ExxonMobil Chemical Company will be presenting "Measuring and Communicating Process Safety Performance?"

Other topics to be presented at the Symposium include Reactive Chemicals, LNG Issues, Consequence Analysis, Lessons Learned, Safety Culture, Process Safety Management, and more. Please see the web site for the complete program with abstracts.

Registrations received **after September 23, 2005** are **\$550.00** per person.

**Partner, Sponsor, and Advisor membership level organizations of the Center receive 40%, 20%, and 10% discounts, respectively.**

Complete the Symposium registration form at:

[http://process-safety.tamu.edu/symposium/2005/Registration\\_Info.htm](http://process-safety.tamu.edu/symposium/2005/Registration_Info.htm)

The symposium will also feature an exhibit area where companies can showcase products, technology, and software related to process safety. See:

<http://process-safety.tamu.edu/symposium/2005/exhibits.htm>

The complete program and information on exhibits and registration can be found on our web site at:

<http://process-safety.tamu.edu/symposium/2005/info.htm>

or contact Donna Startz at email: [donnas@tamu.edu](mailto:donnas@tamu.edu) or phone: (979) 845-5981.

### NEWS FLASH!!!!

Immediately following the Symposium, a **SPECIAL SESSION:**

**"Engineering Ethics"** will be presented by **Dr. Sam Mannan**.

[http://process-safety.tamu.edu/symposium/2005/engineering\\_ethics\\_session.htm](http://process-safety.tamu.edu/symposium/2005/engineering_ethics_session.htm)

This session qualifies for the **one PDH** (professional development hour) in the area of **professional ethics** or roles and responsibilities of professional engineering, as required by the Texas Board of Professional Engineers, **RULE §137.17 Continuing Education Program**.

**Registration for this session is separate from the Symposium registration.**

The session will be held at **4:45 - 5:45PM** on **Wednesday, October 26, 2005**, in the **Reed Arena**. Registration fee for this session is **\$45** (separate from the Symposium registration fee).

Complete the registration form for the Ethics Forum at:

[http://process-safety.tamu.edu/symposium/2005/engineering\\_ethics\\_session.htm](http://process-safety.tamu.edu/symposium/2005/engineering_ethics_session.htm)

## Vital Links (Links within PDF file are *now* active!)

Main South Texas Section site: <http://sts-aiche.org/index.htm>

National AIChE website: <http://www.aiche.org/> (Needs Flash Plug-in)

Earn CEP credits at AIChE functions: [http://www.sts-aiche.org/Texas\\_PE\\_CEP\\_Rule.html](http://www.sts-aiche.org/Texas_PE_CEP_Rule.html)

Download the CEP log form: [http://www.sts-aiche.org/xls/STS-AIChE\\_CEP\\_Log.xls](http://www.sts-aiche.org/xls/STS-AIChE_CEP_Log.xls)

Update your contact information: <http://sts-aiche.org/memberinfo.htm>

Subscribe or Unsubscribe to this newsletter: See last page for instructions

Previous Newsletters (PDF format): <http://sts-aiche.org/newsletter/newsletter.htm>

Link to THIS newsletter: [http://sts-aiche.org/newsletter/news\\_05/news1005.pdf](http://sts-aiche.org/newsletter/news_05/news1005.pdf)

*To Cut/Paste from within Adobe® Reader, click on the "Select Text Tool" in the toolbar section. Click and drag your mouse over any of these addresses. Let go, then right click and select "Copy to Clipboard." Go to your browser input line, right click, and select Paste. Then click Go or hit return. Use the Back button on your browser to return to this newsletter.*





## South Texas Section AIChE

South Texas Section  
P. O. Box 710773  
Houston, TX 77271-0773

### *2005 Officers and Contact Information*

#### CHAIRMAN

Tommy John  
401 Post Oak  
Baytown, TX 77520  
281-424-9354

#### CHAIR-ELECT

Lawrence Chriswell  
Keelson Co.  
Houston, TX  
281-499-4393

#### SECRETARY

Marc Fellows  
Magnum Engineering  
1433 Space Park Dr B255  
Houston, TX 77058  
281-286-0503

#### TREASURER

David Karesh  
Jacobs Engineering  
832-351-6944

### 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 2008

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

1. Increasing awareness of the South Texas Section of the AIChE
2. Improving relevancy of our programs
3. Improving our governance
4. Hospitality/Welcoming/Social

*The South Texan* is issued monthly, except June, July and August, by the American Institute of Chemical Engineers, South Texas Section. Opinions expressed are those of the authors and not of AIChE. The newsletter is published electronically.

#### —— SUBSCRIBE/UNSUBSCRIBE INFORMATION ——

Our newsletter subscription list is by invitation only. This prevents spammers and others from blindly signing up for it.

**Subscribe:** Visit the newsletter website page:

<http://www.sts-aiche.org/newsletter/newsletter.htm> and scroll to the bottom of the list. Enter your name and email address, and you will receive a confirmation email. Click on the confirmation and you are subscribed.

**Update your Profile** (Let us know what email format you require): Click on the link at the bottom of any newsletter you receive.

**Unsubscribe:** Click on the link that is supplied at the bottom of any newsletter you receive.

#### —— MAINTAIN YOUR CONTACT INFORMATION WITH STS ——

Maintain your contact information with the South Texas Section using the online community:

<https://www.memberconnections.com/olc/pub/CHM/>

To update your information, log in, then select Member Directory.

Select the link to View/Update Your Online Directory Listing.

Contact the New York office for PERMANENT ADDRESS CORRECTIONS:



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



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



AIChExpress Service Center

3 Park Avenue

New York, New York 10016-5991

## *The South Texan Newsletter Crew*

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

Contact us at [newsletter@sts-aiche.org](mailto:newsletter@sts-aiche.org) with comments, questions, suggestions, and ideas for next month.



#### Newsletter Editor

Susan Cannon  
KBR  
601 Jefferson Avenue  
Houston, TX 77002  
(713) 753-8626  
[SusanCannon119@aol.com](mailto:SusanCannon119@aol.com)

#### Submit an article! Contact:

Matt Kolodney  
TCEQ  
5425 Polk Avenue, Suite H  
Houston, TX 77023-1486  
(713) 767-3752  
[mkolodne@tceq.state.tx.us](mailto:mkolodne@tceq.state.tx.us)

#### Reserve your ad space! Contact:

Alan Rossiter  
Rossiter & Associates  
4421 Darsey Street  
Bellaire, TX 77401  
(713) 660-9503  
[alan@rossiters.org](mailto:alan@rossiters.org)