



A Message from the Chair

Dear Fellow SPE members,

I hope that you have had a relaxing and enjoyable summer.

I wanted to highlight just a few of the many Section accomplishments this past year, with as always, our emphasis on supporting students:

- awarding over \$10,000 in scholarships to local university students and high school seniors in science and engineering disciplines
- ongoing member participation and financial support of the 2006 COMET program
- continued active support of other outreach programs such as for FSEA (Future Scientists and Engineers of America) and participating in local Science Fairs
- yet another successful golf tournament as a key fund raising activity
- the Regional Service Award to Dr. Raj Upadhyay for his many contributions to the Section, including being the Chair in 2004-2005

These and other achievements of course were only possible with the volunteer participation of many members. I ask that everyone consider becoming involved in not only participating, but also in shaping the Section goals and accomplishments.

We will look forward to seeing you at our next regularly scheduled Forum on September 19 at the Long Beach Petroleum Club. Please note the date as we were not able to schedule this Forum at the usual second Tuesday of the month.

I will complete my term as Section Chairman on September 30, and Scott McGurk will take the helm as the new Chair for 2006-2007. I wanted to take this opportunity to thank all of the many people associated with SPE for making this a rewarding and enjoyable experience.

Sincerely,
Pat Shuler
LASPE Chairperson 2005-2006
pjshuler@peer.caltech.edu

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LA SPE Petroleum Technology Forum - Sept. 19, 2006

September 19th Petroleum Forum Meeting

“What Hackers Know That You Don’t”

The LASPE Monthly Petroleum Technology Forum next meets Tuesday September 19, 2006 at the Long Beach Petroleum Club. Jim Kelton of Altius Information Technologies will present “What Hackers Know That You Don’t.” This should be a very interesting look into computer security – a topic important to all of us. A complete abstract and bio is provided below.

<u>Location:</u> Long Beach Petroleum Club 3636 Linden Avenue Long Beach, CA 90807	<u>Time:</u> Registration: 11:30 AM Buffet Lunch: 12:00 noon Presentation: 12:20-1:00 PM	<u>Cost:</u> \$20.00, students are our guests.
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Abstract:

Hackers, cyber attacks, security risks, threats, and vulnerabilities, are you ever really secure? Businesses are concerned about hackers and the damage they can cause to an organization's image and reputation. Learn what steps you and your organization needs to take now.

- Find out why hackers don't want you to have cyber insurance
- Discover how accessing systems from remote locations creates additional risks
- Identify who can gain access to your systems through your points of entry
- Learn the Top 10 firewall limitations and why you need additional protection
- Find out how hackers know when you are most vulnerable to an attack
- Discover how to be alerted if someone tries to hack in to your systems
- Learn why vulnerabilities are cumulative and how 99.9% secure means 3 1/2 days of vulnerability per year.

This presentation addresses what hackers know that you don’t and what you need to do to protect your information assets.



Jim Kelton, President
Altius Information Technologies

Biography:

Jim Kelton is President of Altius Information Technologies, a Southern California based IT consulting firm and past President of NetTeCH, a nationwide association of IT related companies. In addition to his leadership in the IT arena, he has also served as President of the Association of Professional Consultants. He is a leading information technology consultant with 25 years of management and technical experience. As a leading IT authority, Mr. Kelton has authored and appeared in over 40 publications including the Wall Street Journal, Business Week, USA Today, the Los Angeles Times, and many others. He is an expert commentator and frequently appears on nationwide television including MSNBC.

LA SPE 2005 - 2006: A Year in Review



Our monthly Petroleum Technology Forum featuring industry technical and general interest topics is a major activity of the LA Basin Section. The Forum is also an opportunity to hear from the SPE leadership. In February we hosted the SPE President-elect for 2007, Jaleel Al-Khalifa. Dr. Al-Khalifa reviewed the history of the oil industry and the impact of technology, plus his talk “The People Imperative” also reviewed the importance of personal development in the future of our industry. Dr. Al-Khalifa is shown here after his talk with Ghazi Al-Qahtani, then President of Pi Epsilon Tau at USC. And in the background, Dexter Yuen of Union Bank of California chats with Alex Reid of State Lands.



The Forum had the honor of having two Distinguished Lectures at monthly meetings. These presentations are well received because of the high quality of their talks and these meetings are always well attended. Steve Cheung (left) from Chevron presented a talk on “Better Water Management” and Geritt Nitters (right) of Shell International discussed “Challenges in Well Stimulation.



Student support through scholarship awards and funding of students’ attendance at SPE meetings is the most important outreach activity for our Section and is our largest budget item. Besides awarding scholarships to several students at local universities who are in petroleum engineering or a related technical field, we offer scholarships to qualified High School seniors of our local membership.

Scholarships were presented to the parents of Shane Liles, David Rushing, Theresa Carlson and Andrew Bolling. These scholarships included matching funds from BreitBurn Energy (many thanks). The proud parents are shown here with LASPE scholarship certificates.

2005 - 2006: Year in Review continues . . .

At the Mabel Paine Elementary School in Yorba Linda the SPE LA Basin Section continues to sponsor an after-school science club for 4th graders. This past year, 25 students participated in the FSEA (Future Scientist and Engineers of America) program and enjoyed it very much. Sam Sarem has been the guiding force behind this program and is shown enthusiastically leading the class.



One of the fun activities we sponsor every year is a Easter Egg Hunt at Long Beach's International Elementary School. A special thanks goes to Ed Santiago for coordinating this effort.



The golf tournament held every year in May is the major fund raising activity for the LASPE and has been successful for many years. We congratulate Mark Shemaria and the large number of volunteers shown at the right for another great effort this year.

LA2005 - 2006: Year in Review continues . . .



It is also gratifying that we are able to recognize members in our Section who have received awards this past year. There were 13 Legion of Honor (50 years of SPE membership!). Three are shown here: Carl Vogeogelsang, Robert Miller, and Ben Baylis.

And finally, it is a pleasure report that LASPE's own Ed Mayer received an Honorary SPE Membership this year at the 2006 ATCE. This is the highest award that the SPE confers on its members.

That's the wrap-up. LASPE is in full operation during 2006 – 2007. . We meet each month at the Long Beach Petroleum Club for our monthly Luncheon Forum. Our monthly Board of Directors Meeting precedes each Forum and the general membership is welcome to sit in and join us.



LASPE Petroleum Technology Forum Future Schedule

Forum Schedule Firming Up

The 2006 – 2007 LASPE Forum speaking schedule is shaping up nicely. Three SPE Distinguished will present popular topics of interest were picked by you, our members. In addition, the Forum Committee and the Board has identified other topics of interest. Speaker invitations have been sent out and some replies have been booked. The 2007 portion of the program is still in flux, but 2006 is set, as follows:

- September 19, 2006: What Hackers Know That You Don't, Jim Kelton, Altius Information Technologies.
- October 10, 2006: Heavy Oil Recovery – Recent Developments and Challenges, Mridul Kumar, SPE Distinguished Lecturer, Chevron Energy Technology Co.
- November 14, 2006: Water Injector Completion Design and Performance in Sand Prone Formations, Darrell J. Wood, SPE Distinguished Lecturer, BP Exploration
- December 12, 2006: Property Acquisitions in California – Trends and What We Really Know, Richard J. Miller, Richard J. Miller and Associates

Come join us, hear an interesting talk on a topic that will improve your knowledge and professional effectiveness and meet and greet colleagues in our local industry.

All our meetings for 2006 – 2007 will be held at the Long Beach Petroleum Club, 3636 Linden Avenue, Long Beach, 90807. Except for the September meeting, they all convene on the second Tuesday of the month.

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- ◆ Pipeline Integrity ◆ Platforms and Safety Management ◆
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September 12-13, 2006

The Westin Long Beach Hotel ◆ Long Beach, California

Early registration fee-\$225 ◆ After August 23-\$275

Register online: at www.slc.ca.gov

*Symposium registration cancellations received in writing by August 23 are subject to a \$25 processing fee.
After that date, substitutions will be accepted, but no refunds will be provided. No-shows will be billed the full registration fee.*

**Continuing Education Course
PROFESSIONAL REGISTRATION REVIEW
COURSE FOR PETROLEUM ENGINEERING**

COURSE DESCRIPTION: The Course covers most topics that are found on the State Board Petroleum Engineering Professional Examination.

WHO SHOULD ATTEND: Engineers who are planning on taking the PE Examination in Petroleum Engineering this fall. **INSTRUCTOR:** Bing Wines, PE

LOS ANGELES COURSE (8:00 AM - 5:00 PM)
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For More Information: 405-722-6761
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WINROCK ENGINEERING, INC.
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71% Pass 2005 Petroleum PE Exam

NCEES and the State Engineering Boards released their 2005 Professional Engineering Exam results in February. Nationwide, the Petroleum Engineering Exam recorded a 71% pass rate (highest nationwide). The estimated pass rates of a few other engineering disciplines were:

Chemical	57%	Agricultural	25%
Civil	46%	Fire Protection	42%
Electrical	46%	Industrial	48%
Environm'tal	55%	Metallurgical	35%
Mechanical	52%	Mining	46%
Structural	40%	Nuclear	62%

The Petroleum pass rates in 2005 for a few states:

Alaska	67%	Louisiana	70%
California	25%	Oklahoma	100%
Colorado	50%	Texas	85%

What are the requirements to take the Petroleum PE Exam? Today, California requires that you have:

1. An engineering, math or science degree.
2. Passed the Fundamentals, or EIT Exam.
3. At least four years of professional experience.

Interested? Contact the California State Engineering Board at (916) 263-2230 for application forms. State web sites are also available at: www.ncees.org/licensure/licensing_boards. The application deadline to take this year's PE Exam is July 21, 2006. This year's test will be given on Friday, October 27, 2006.

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