



LOS ANGELES BASIN SECTION NEWSLETTER

June 2004

▶ A MESSAGE FROM THE BOARD

Report from the Chair:

Each year, SPE International asks Sections to provide an activity report. The report is due on June 1 covering April through March. LASPE's report is on our website for your review. Here is a synopsis of an active, productive year.

Petroleum Technology Forum – Nine meetings were held with total attendance of 273. The championship attendance meeting (52) was Dalton Lockmann's report on the Inglewood field seismic program. SPE's current President, Kate Baker, a past President, Lyn Arscott and our Western Regional Director, Behrooz Fattahi spoke at or attended our Forums this past program year.

Conferences – The joint 2003 LASPE- AAPG-Pacific Section Conference was held, on May 21-23, 2003 at the Hilton Hotel in Long Beach, California. Total attendance was nearly 800. This was a very good meeting with excellent talks and exhibits. The work of setting it up and running it was shared between local AAPG and SPE membership under the joint leadership of Sam Sarem and Dalton Lockmann.

Website – Larry Gilpin, Webmaster, keeps our website up to date and interesting with photos of activities and new reports supplementing LASPE archives. The website also serves as a convenient link to industry resources.

Newsletter – Thais McComb, editor, is working hard to get the newsletter out at the start of each month and include items of interest, including photos.

Community Outreach – Our annual budget targets \$16,000 for six outreach programs including FSEA after school science clubs, the summer COMET program at USC introducing high school students to the energy industry, student and teacher field trips throughout the year and judging and prize sponsorship for Long Beach, LA and Orange County and the California Science Fairs. Any worthwhile community activity pertaining to the energy industry of interest to LASPE members will be considered by the Board of Directors for budget funding.

Scholarships – \$7,000 is being provided to 12 college and high school students supporting their academic goals. \$8,000 was budgeted, leaving \$1,000 on the table. It is our goal for next year to award all allocated funds by targeting local high schools making them aware of our criteria.

Golf Tournament – This was not held last year, but will be this year on June 18th at Los Serranos Country Club. Mark Shemaria chairs the tournament committee and his team has put together a great event. The golf tournament is our major fundraiser and makes all the above possible.

Interested members coordinate LASPE activities with mutual benefit from a professional and community involvement standpoint. Please consider participating and setting our future agenda.

Rick Finken 2003-04 Chairperson
Richard_finken@longbeach.gov

▶ **SPE PETROLEUM
TECHNOLOGY**

**LUNCHEON
FORUM**

Join us next Tuesday, June 08, 2004, for a Special Petroleum Technology Forum:

**“Reservoir Simulation Technology:
Accomplishments and Challenges”**

Presented by

Khalid Aziz, SPE Distinguished Lecturer

DATE: 06/08/04
REGISTRATION: 11:30 am
LUNCH: 12:00 pm
COST: \$15.00
**PLACE: Long Beach Petroleum Club
3636 Linden Avenue,
Long Beach, CA 90807**

Summary

Reservoir simulation technology has slowly evolved into an essential tool for reservoir development and management. Simulation engineers have expanded the capabilities of software for modeling reservoir performance and we are now able to handle multimillion cell problems. Models are capable of addressing compositional approaches, thermodynamic description of fluids, flow in heterogeneous porous media, solution of large nonlinear systems, complex geology and even wells and surface facilities making it possible to optimize the entire system. The simulator is no longer used with a simple single description of the reservoir, but with multiple, equally probable realizations to allow risk assessment.

Important developments of the past 40 years are examined speculating on the challenges for the future: What are the features that will be needed in the next generation of simulators? How is this technology going to be used in the future?

Biography

Dr. Aziz is the Otto N. Miller of Earth Sciences and Professor of Petroleum Engineering at Stanford University. He served as professor of chemical and petroleum engineering at the University of Calgary where he established the Computer Modeling Group and managed it for 5 years. He has also served on the faculty of the University of Alberta and as the Chief Engineer of Karachi Gas Co. Ltd. At Stanford, Aziz served as the Associate Dean for Research (School of Earth Sciences) and Chair of the Petroleum Engineering Department. His research interests include reservoir simulation, modeling of advanced wells, multiphase flow in pipes, and natural gas engineering. He graduated from the University of Michigan (BSE), University of Alberta (BSc and MSc), and Rice U. (PhD). He has been awarded Honorary Membership in the Society of Petroleum Engineers and has published more than 150 technical papers, two books and one monograph. He is a frequent consultant to major oil and gas companies and government agencies, is a member of the National Academy of Engineering of the United States and the European Academy of Sciences.



For more information please contact:
LASPE Forum Committee:

Anthony Taglieri anthony_taglieri@oxy.com

Brandy Fellers brandy_fellers@oxy.com

Rick Finken 562-570-3961,

Richard_Finken@longbeach.gov

POSITION AVAILABLE OPPORTUNITY

Maraco Inc. is seeking a petroleum/software engineer to design, develop, document and apply software to forecast, schedule and optimize production of oil & gas reservoirs. **Qualifications:** MS or PhD in petroleum engineering from US university, strong computer skills with good programming capability (Visual Basic and C++ required), field experience in oil/gas production/injection operations; self-motivated, good team worker with pleasant people skills, legally qualified to work in the U.S. and travel outside U.S.

Please submit your resume to Dr. Elmer Dougherty via email eld@maraco-soft.com

SCHOLARSHIPS REPORT

At the May 11, 2004 Board Meeting, Scholarship Chairperson, John Yu presented his recommendations for the award of college graduate, college undergraduate, and high school scholarships. A total of \$7,000 is being awarded. We are pleased to announce the following scholarship winners:

College - Graduate:

Abdollah Orangi - USC \$1,000 (Bruce Davis scholarship)
Mohammed Aman - USC \$1,000 (Bruce Davis scholarship)
Nelia JaFroodi - USC \$500
Mohsen Heidary-Fyrozjace - USC \$500
Dalad Nattwongasem - USC \$500

College - Undergraduate:

Cenk Temizel - USC \$500
Kelly McLachlan - USC \$500
Viet Quoc Hoang - USC \$500
Marcus Richardson - CSULB \$500
Uduak-Joe Ntuk - CSULB \$500

College scholarship awards will be presented to the winners at the Forum meeting in September.

High School:

Rachel Leeson \$500
Bounlay Bounleuth \$500

High school awards will be presented at the June 8, 2004 Forum meeting.

LASPE's scholarship program is financed by golf tournament proceeds plus some reimbursement from SPE International. Thank you for your support.

 **CONTINUING
EDUCATION**

**SHORT
COURSES** 

San Joaquin Valley Section Short Courses

Min Chu has put together a program of short courses that you may be interested in. The titles are:

1. Economic Evaluation and Investment Decision Methods
2. Oilfield Metallurgy and Corrosion – 1
3. Oilfield Metallurgy and Corrosion – 2
4. Reservoir Characterization from the Laboratory to the Field
5. Acid Gas Compression and Injection

If you are interested in any of these topics, details are available at www.sjvspe.org or from Min Chu at mchu@consvr.ca.gov.

Please notify SPE Headquarters directly with change of address: P.O. Box 833836, Richardson, TX 75083 or

www.spe.org

Tel: (800) 456-6863 Fax: (972) 952-9435

E-mail address for newsletter information:

newsletter@laspe.org

 **2004 SPE
PHOTO CONTEST**

INVITATION 

SPE invites members to submit their industry photos to the 2004 Photo Contest. Photos will be displayed at ATCE 2004 and the grand prize winner will be selected based on voting by ATCE attendees. The deadline to submit your entries is July 31, 2004. Contest's rules and entry forms are in the next two pages.

2004 SPE Photo Contest CONTEST RULES



Traveling around the oil patch, we all encounter some very powerful images, in terms of location, faces and equipment. Have you ever captured these images digitally or on film? If so, please consider sharing your photographs with SPE by entering the 2004 SPE Photo Contest. Prizes and contest rules are listed below.

Photos received by the entry deadline will be prominently displayed at the **2004 SPE Annual Technical Conference and Exhibition (ATCE'04)**, 26-29 September, in Houston.

One grand prize winning photo will be chosen by SPE members casting votes during ATCE'04. The winning photo will have the honor of being recognized in ATCE'05 marketing materials and/or in other SPE publications and venues.

Prizes will also be awarded to the best photos in each of SPE's six technical disciplines. A panel of judges will select these winners.

Photo Contest Rules:

- All entries must be received by 31 July 2004.
- All SPE members are eligible for entry.
- Photos may be submitted via e-mail to photocontest@spe.org in a TIF or EPS file of 300DPI or better.
- Or, a print version of a photo may be mailed to SPE on 35 mm slides, CD ROM, or ZIP disk. A proof of the photo must accompany these formats.
- The official entry form must accompany photos submitted by mail; for e-mail submissions, please supply the requested information in the body of the e-mail.
- Entries are limited to three photos per SPE member.
- If corporate logos or company names are visible in the photo, SPE reserves the right to retouch or recrop it.
- Photos must be submitted based on one of SPE's six technical disciplines.
- By submitting an entry, you agree that SPE has the right to publish your photo(s) through any medium without compensation.
- Photos may be submitted in color or black/white.
- All photo entries must include SPE member name, member number, phone number, e-mail address (if available), the location where the picture was taken, type of equipment shown, and the category in which the photo is entered.
- Photos will not be returned.
- Photos must comply with EPA and OSHA standards.
- All entries will be judged on photographic impact, composition/subject matter, and quality (clarity and exposure).



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