

Los Angeles Basin Section Society of Petroleum Engineers

Recipient of the 2011 SPE President's Section Award for Excellence

A Message from the Chair

Technology Programs and Student Involvement



Dear Fellow SPE Members,

I am honored to be your incoming Chairperson for the 2013 – 2014 calendar year. I will be leaning on my former chairs Steve Cheung and Eric Withjack for some guidance as the year progresses. I often say that the LA SPE section is championed by many volunteers and we are only as strong as our weakest link. During my tenure I would like to strengthen that link in 3 ways: First I would like to see the LA SPE reserve fund improve since it has depleted significantly due to the numerous awards and travel grants that have been awarded recently. Second I would like to increase the number of technical programs and workshops for the membership, as a member I would like you to attend, participate and be engaged with the section. Third, I want to increase the activity and number of new students involved with SPE, we have some great universities in Southern California but I do not see any participation or activity from other engineering departments, I would like to see movement in this area.

I am personally grateful that I have strong infrastructure of human talent as part of my team and over the next few months you will get to know a little bit about each of the Board of Directors and Committee members of the Los Angeles Society of Petroleum Engineers.

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www.LASPE.org

PETROLEUM TECHNOLOGY FORUM, OCTOBER 18TH

The next Petroleum Technology Forum is a "Technical Aspects of Waterflooding" Workshop on Wednesday, **October 23** at The Grand presented by a panel of respected experts in the field. *Details follow on page 3 ...*

<p><u>Location:</u> The Grand 4101 E. Willow Street Long Beach, CA</p>	<p><u>Time:</u> Pre-Register ONLINE! Workshop: 8:00 AM - 3:15 PM</p>	<p><u>Pre-Register Online Cost:</u> \$200.00 members, \$220.00 non-members, \$65 students <u>No onsite Registration</u></p>
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Message from the Chair...*continued from page 1*

The section has been fortunate to have been awarded two awards from SPEI this year. These were Section Awards for Innovation and for Outstanding YP activity. These awards would not have been possible without the hard work of all the volunteers that have contributed to the LASPE: students, retirees and working professionals and I certainly want to recognize every one for their handwork and dedication. Finally I thank Steve Cheung for working tirelessly (even into many nights!) in helping steward change and leadership for the LASPE section this last year.

We cannot stop improving or innovating and this year I would like to challenge the Golf Committee to further enhance the significant revenue that they brought in to the section for the scholarships and I will be meeting with the Golf leadership team. For the 500+ members that we have in our section it would be wonderful for you to come and join us at the monthly luncheon meetings and technical workshops and get to know one another and support your local chapter. When student scholarship season approaches next year I will reach-out to you all and ask you to make a small donation to our chapter to help deserving students in pursuit of a career in the petroleum industry.

Please do not hesitate to speak to me or the LA SPE leadership team and we welcome you to sit as observers during the monthly board meetings. With that said I look forward to seeing you all on October 23rd at The Grand, for the Technical Aspects of Water flooding Workshop.

Sincerely
Baldev S. Gill
Chairperson 2013-2014



**SPE YOUNG PROFESSIONALS
SOCIAL EVENT**

Organized by:
**Society of Petroleum Engineers
Young Professionals**

Where:
**Kitchen Den Bar (KDB)
Long Beach**

Address:
**10 Aquarium Way
Long Beach, CA 90802**

When:
**Wednesday, October 16th, 2013
5: 30 PM**


Los Angeles Basin Section

The poster features a stylized illustration of a social event. A man in a suit sits at a table with a white tablecloth, holding a drink. A woman in a brown dress sits across from him, also holding a drink. A waiter in a black tuxedo stands to the right, holding a tray with two drinks. In the background, a man in a suit and a woman in a green dress are talking. A white dog is sitting on the table. The background is a solid orange color.

“Technical Aspects of Waterflooding” Workshop

The Grand, 4101 E Willow St, Long Beach

October 23rd 2013

Workshop Schedule

8:00 - 8:30	Registration and Morning Coffee
8:30 - 8:45	Introduction Program and Speakers: Baldev S. Gill
8.45 - 9:30	Dr. Abdus Satter <i>‘Waterflooding Process and Design’</i>
9:30 - 9:35	Q & A for Satter Presentation

9:35 - 10:20	Dr. Ganesh Thakur <i>‘Waterflooding Surveillance and Monitoring: Putting Principles into Practice’</i>
10:20 - 10:25	Q & A for Thakur Presentation

10.25 - 10:40	Coffee Break

10:40 - 11:25	Professor Abbas Firoozabadi <i>‘When Water and Oil Mix; Consequences for Water Flooding’</i>
11:25 - 11:30	Q & A for Firoozabadi Presentation

11:30 - 12:15	Baldev Singh Gill <i>‘Waterflood on a CHIP, What Micro-Fluidics Can Reveal’</i>
12:15 - 12:20	Q & A for Gill Presentation

12.20 - 1:30	LUNCH

1:30 - 3:00	Q&A Panel Discussion with Speakers
3.00 - 3:15	Program close & final remarks: Baldev S. Gill

--- **SPEAKER BIOS FOLLOW ON NEXT PAGES** ---

Pre-Register Online
<http://www.laspe.org/PayPal.html>

Long Beach WaterFlood Workshop continues...

Dr. Thakur

Ganesh C. Thakur is vice president, global advisor and fellow of Chevron Energy Technology Company. Thakur is a world-recognized leader in reservoir engineering & simulation, secondary recovery, reservoir and well productivity improvement, heavy oil, horizontal well technology and EOR. He is also known for the emergence of reservoir management (RM) —in particular waterflooding—as a key interdisciplinary practice.

Thakur has an impressive list of publications and teaching engagements conducted around the world. His skills and expertise are called upon widely in the design and operation of RM programs, mentoring technical professionals, and serving as an ambassador of technical capabilities to National Oil Companies and Government Ministries. He is an SPE Distinguished Member and has served as Technical Director – Reservoir for the Board of Directors, and an SPE Distinguished Lecturer. Thakur has authored 60 technical and presidential column articles, three books, edited two SPE reprint series, and presented over 200 lectures/short courses around the world. He has been elected to represent the SPE on the National Petroleum Council (NPC).

A past chairperson of the SPE Reprint Series, Thakur has served on the SPE Editorial Review and Forum Series committees and as short-course instructor on Integrated Reservoir Management and Waterflood Management. He received SPE's 2005 Reservoir Description and Dynamics award, 2006 Penn State University's outstanding alumni achievement award, and 1994 Orange County, California's outstanding engineer of the year award.



Thakur earned a B.S. degree in petroleum engineering from Indian School of Mines and M.S. and Ph.D. degrees in petroleum and natural gas engineering plus an M.A. degree in mathematics, all from Pennsylvania State University. In addition, he earned an executive MBA degree from Houston Baptist University. He has served as an adjunct professor at USC, University of Texas (Permian Basin), University of Houston, Houston Baptist University, and serving King Saud University in Riyadh, Saudi Arabia.

Long Beach WaterFlood Workshop continues...

Dr. Satter

Dr. Abdus Satter is the president of Satter and Associates, which was formed in Houston upon his retirement from Texaco in 1997. He has four decades of worldwide, diversified experience and expertise in reservoir engineering, reservoir simulator development and applications, water flood, enhanced recovery techniques and reservoir studies and operations. He has numerous publications in these areas. He has been involved in reservoir management projects in Cameroon, Denmark, Indonesia, Nigeria, Trinidad, USA, and UK.

He has been active in consulting, teaching and training.

Penn Well Publishing Company published his books as follows:

- Practical and Enhanced Reservoir Engineering: Assisted with Simulation Software (2008)
- Computer-Assisted Reservoir Management (2000),
- Integrated Water flood Asset Management (1998)
- Integrated Petroleum Reservoir Management (1994)

Another of his book on Modern Reservoir Engineering – Fundamentals, Management, Recovery, and Reserves is in the process of being approved by Elsevier Company.

He was 1996-97 Society of Petroleum Engineers Distinguished Lecturer on Integrated Reservoir Management. He was again SPE Distinguished Lecturer on Asset Management throughout the Reservoir Life Cycle.

He is an SPE Distinguished Member, Legion of Honor Member and Life Member.



Long Beach WaterFlood Workshop continues...

Professor Firoozabadi

Professor Firoozabadi has published some 165 Journal papers in petroleum interfaces, thermodynamics of hydrocarbon reservoirs and production, and multiphase multispecies flow in permeable media. He has published mainly in the Society of Petroleum Engineers (SPE) Journals, AIChE Journal, Journal of Chemical Physics, Journal of Physical Chemistry B, Langmuir, Water Resources Research, Advances in Water Resources, Soft Matter, Journal of Colloid and Interface Science, and Journal of Computational Physics. He has authored a graduate text, "Thermodynamics of Hydrocarbon Reservoirs," published by McGraw Hill in 1999.

Firoozabadi has published some 70 papers in the Journals of the Society of Petroleum Engineers (SPE) Journals. He is also the most published author in petroleum engineering in comparison to faculty members and scientists in petroleum engineering in the US.

Firoozabadi's major contributions include theoretical, experimental and advanced computational methods in thermodynamics, multiphase flow in subsurface, and kinetics of flow assurance in hydrocarbon energy production.

Firoozabadi has received three of the four major awards of SPE. These awards include the SPE/AIME Anthony Lucas Gold Medal (highest technical award), the SPE Honorary Membership Award, and the SPE John Franklin Carl Award, in recognition of setting the stage and new directions for petroleum production and environmental stewardship of hydrocarbon energy production. He was elected to the National Academy of Engineering in 2011.



Long Beach WaterFlood Workshop continues...

Baldev S. Gill

Mr. Gill has over 14 years of professional and academic research in the areas of reservoir engineering practice, with specialty in reservoir simulation, field development, gas blow down studies, asphaltene precipitation and wettability. He has worked in the North Sea, Houston, West Texas, Michigan, Hague, Wyoming and California for large international companies including Schlumberger and Royal Dutch Shell. He has BEng (Hons) Chemical Engineering, MSc Computer Aided Engineering, MSc Petroleum Engineering from Imperial College London and Masters Chemical Engineering from Rice University. He has written and co-authored several technical papers in SPE journals. Currently he is a petroleum operations coordinator for Long Beach Gas & Oil, operator of the 8 Billion barrel Wilmington oil Field, which is under active waterflood.

Awards and Honors

- Invited Global Emerging leaders Conference from NAE, RAE and CAE, London
- Invited Technical Speaker International Petroleum Week, London
- San Fernando Valley, Engineers Council, Outstanding Engineering Merit Award
- Invited Robert Gordon Conference, Flow through Porous Media, Switzerland
- Carl Storm Underrepresented Minority (CSURM) Fellowship
- Orange County Outstanding Engineering Merit Award
- National Academy of Engineering America-China Frontiers Fellow
- Royal Academy of Engineering, Research Paper Conference, London
- Imperial College London Fund: MSc Petroleum Engineering
- Schlumberger Corporation Scholarship, European Award
- Engineering and Physical Sciences Research Council (EPSRC), UK Government
- Shell Oil Company Academic Scholarship; Rice University
- Shell Oil Gold Service Recognition Award – Michigan Waterflood Field Development
- Visiting Scholar Massachusetts Institute of Technology (MIT)
- Halliburton Energy Services Case Award: Imperial College Research
- Science and Engineering Research Council (SERC), UK Government

Elected Professional Memberships

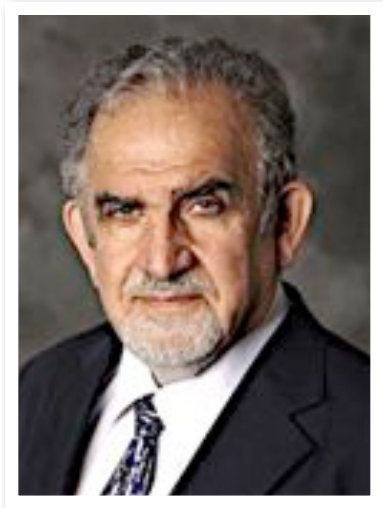
- Fellow of the Energy Institute, London (FEI)
- Fellow of the Institute of Chemical Engineers (FIChemE)
- Sr. Member American Institute of Chemical Engineers (AIChE)
- Member Society of Petroleum Engineers (SPE)
- Chartered Engineer, UK Engineering Council
- Former Chair of the Ethics Sub-Committee AIChE (50000 members)
- Chartered Petroleum Engineer and Chartered Chemical Engineer



PHOTOS FROM SEPTEMBER 18 FORUM - JOINT MEETING OF LASPE-CCCOGP

THE UNCONVENTIONALS OF CALIFORNIA

PRESENTED BY DR. IRAJ ERSHAGHI, UNIVERSITY OF SOUTHERN CALIFORNIA




SPE WESTERN NORTH AMERICA AND ROCKY MOUNTAIN JOINT REGIONAL MEETING

Submit Your Paper by 7 October 2013.

Society of Petroleum Engineers

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SPE Western North America and Rocky Mountain Joint Regional Meeting



16-18 April 2014
Denver, Colorado USA

Call for Papers Now Open!

Share your expertise and **submit your abstract online by 7 October** to be part of this event.

The SPE Western North America and Rocky Mountain Joint Regional Meeting will be held on 16-18 April, 2014 in Denver, Colorado, USA. The theme of the meeting is "From the Rockies to the Pacific – Bridging the Unconventional and Conventional through Technology."

This year, the Rocky Mountain and Western Regions are joining forces to bring you a comprehensive technical program focused on latest technology for unconventional and conventional reservoirs. The program includes interesting and challenging topics ranging from newest horizontal well technologies to 100-year-old waterflood and steam operations. The digital component is included as a foundation to the smart fields and future remote operations.

Abstracts and technical papers from a full range of topics that relate to oil and gas industry will be accepted. This includes, but not limited to, the topics below. See the detailed list of submission topics [here](#).

- Unconventional Reservoirs (Shales and Tight Formations)
- Conventional Reservoirs
- Midstream and Downstream Operations
- Secondary and Tertiary Recovery and Operations
- Digital Energy and Smart Fields

Submit your abstract by 7 October 2013.

<http://www.wrmjce.org/TechnicalProgram.aspx>

SPE WESTERN NORTH AMERICA AND ROCKY MOUNTAIN JOINT REGIONAL MEETING

From the Rockies to the Pacific – Bridging the Unconventional and Conventional through Technology

This year, the Rocky Mountain and Western Regions are joining forces on April 17-18, 2014 in Denver, Colorado to bring you a comprehensive technical program focused on latest Technology for Unconventional and Conventional Reservoirs. The program includes interesting and challenging topics ranging from newest horizontal well technologies to 100 year old waterflood and steam operations. The digital component is included as a foundation to the smart fields and future remote operations. We hope that these exiting topics and technologies will spur your interest to participate by submitting your best abstract and technical paper.

We are seeking papers from a full range of topics that relate to oil and gas industry. This includes, but not limited to, the below topics:

- Unconventional Reservoirs (Shales and Tight Formations)
 - Reservoir Characterization, Modeling, Simulation and Reservoir Engineering
 - Drilling, Completion and Production
 - Horizontal Wells: Drilling, Spacing, and Artificial Lift
 - Fracing Design, Optimization, Placement and Monitoring
 - Case-studies: Bakken, Niobrara, Monterey, Wolfcamp, Haynesville, Eagle Ford, etc.
- Conventional Reservoirs
 - Reservoir Engineering, Production Management , Stimulation Technology: Acidizing and Fracing
 - Waste Disposal, CO₂ Capture and Storage, Air quality, and GHG emissions
 - Social responsibility, Health, Ethics and Professionalism
- Midstream and Downstream Operations
 - Facility Optimization, Gathering systems, Transportation
 - Water Management – Reuse, Recycled and Disposal
 - Environmental Responsibilities
- Secondary and Tertiary Recovery and Operations
 - Waterflood and CO₂ flood management
 - Steamflooding and cyclic steam technology
 - SAGD and Combustion
- Digital Energy and Smart Fields
 - Smart field/Integrated fields/Remote Operations/ Smart wells
 - Real-Time Operations, Decisions Support Systems, Big Data, SCADA,
 - Predictive Data Driven Analytics

Please submit abstract to <http://www.wrmjce.org/TechnicalProgram.aspx> by October 7th, 2013.

If you have questions, please do not hesitate to contact Eric Lyche at eric_lyche@eogresources.com or Andrei Popa at AndreiPopa@chevron.com .

We look forward to seeing you in Denver!



Sincerely yours,
Kumar Ramurthy and Steve Cheung
Conference Co-chairs

SELECTED SPE UPCOMING EVENTS 2013 - 2014

Date	Title
Oct 8	PTTC workshop: Reservoir & Wellbore Scale Geomechanics at the Grand.
Oct 17	RPSEA Onshore Production Conference: Technological Keys to Enhance Production Operations at the Grand
Oct 23	“Technical Aspects of WaterFlooding” Workshop (new date and location, click title to pre-register online)
Oct 20-25	SPEI Forum “Artificial Lift in Deep Water”, Rancho Mirage CA
Nov 12*	“Perforating for Inflow Performance in Natural Completions“ by Mark Brinsden (DL)
Dec 10*	TBA
Jan 13	“Slugging in Pipelines: What you need to know“ by Mona Trick (DL)* (Monday)
Jan 21	LASPE Casing Design Training by Val Verma, PE, Tuesday 7:30am-4:00pm LB Petroleum Club \$160.00
Feb 11*	TBA
Mar 11*	TBA
Mar 17-19	SPE Conference on Health, Safety, and the Environment at Long Beach Convention Center
Apr 8*	TBA
Apr 17-18	SPE Western North America / Rocky Mountain Joint Regional Meeting, Denver CO
May 13*	“Hydraulic Fracturing Myths, Reality and Environmental Stewardship Through Better Chemistry“ by Daneil Daulton (DL)*
June 17*	TBA

Note: * LASPE Board meeting starts at 10:30 a.m. and all members are welcome to observe.

**LASPE BOARD MEETING MINUTES
BOARD OF DIRECTORS MEETING, MAY 14, 2013**

Attendance:

Mike Utt, Senior Past Section Chair
Eric Withjack, Junior Past Chair
Steve Cheung, Section Chair
Baldev Gill, Section Vice Chair
Nazee Heda, Board Member - Chair Scholarship through 2013
Serge Baghdikian, Board Member - Nomination Chair through 2014
Ted Frankiewicz, Board Member through 2015 - Proxy
Jaime Villatoro, Board Member through 2015
Christian Vaccese, Board Member through 2014 - Secretary

Rick Finken-Treasurer
Scott Hara, Outreach - not present
Mark Ojo - USC Student Chapter President - not present
Vanessa Perez, Nomination Chair - not present
Jalal Torabzadeh, CSULB Student Chapter Advisor – not present
Sam Sarem, Chair, Membership and Awards Committee – not present
Robert Visser, Assistant Treasurer - not present
Leila Vlasko - Forum & Program co-chair - not present
AB Gorashi Abdulrahman, Continuing Education Committee Chair - not present
Robert Cannon - USC Event Coordinator - not present

Proceedings:

1. The meeting was called to order at 10:45 AM. A quorum was met, Ted Frankiewicz, provided proxy.
2. Agenda approved.
3. Nazee Heda moved that the May 14th 2013 meeting minutes be approved. Baldev Gill seconded the motion. All approved.
4. Reports:
 - a) Treasurer Report - For April 2013, income exceeded expenses by \$28,080. Golf Tournament registrations led the way with \$28,553. Other income items were registrations and sponsorships for the Technology Happy hour (\$1,773), April Forum receipts (\$920), ad income (\$100) and a scholarship donation through PayPal yielding \$48. Expenses included the April Forum (\$819), newsletter, website and special e-blasts for the Golf Tournament and the Technology Happy Hour (\$1,480), the cost of award frames for Science Fair winners (\$26) and \$989 in Golf Tournament expenses.
5. Old Business:
 - a) WRM13 we had an attendance of 800 people.
 - b) SRM14 we are looking for volunteers, Rick Finken is helping with the Treasury and Christian Vaccese with the Exhibition. The Super Regional Meeting will take place in Denver on April/May 2014; the Rocky Mountain Regional Section is providing \$56,000 to finance the event while the Western Region Sections will need to provide \$24,000.
 - c) WRM15: we are looking for volunteers to help organize. 2015 will be also the 60th LASPE Anniversary.
 - d) The LASPE new template website is in progress, we'll keep the Board informed of the progress.

LASPE BOARD MEETING MINUTES CONTINUES...

6. New Business:
 - a) The next Board Meeting is going to be on June 11th at 10:30 am. It will be a special event where 31 excellent students will be awarded with Scholarships from SPE; Rich Manuel, Scott Walker and Juan Santinti of the Golf Tournament Committee will be asked to help with Scholarship Award Presentation.
 - b) For the 1st time during the June's meeting a special Award will be given for LASPE Section Outstanding Service.

7. Section Activities:
 - a) A scholarship will be awarded in memory of Bruce W. Davis.
 - b) The Golf Tournament this year had a tremendous success with a total of 244 players is the biggest Oil Industry Sponsored Golf Tournament in the region.
 - c) The Technology Happy Hour was attended by 52 participants and had successful feedback from all the attendees; it's a successful event that will be included in the future SPE activities;
 - d) The Community Outreach MOU (Mobile Oil Units) it's a great event that involve elementary schools
 - e) "Running of board Directors and Committee Meeting" is a topic that Sam Sarem would like to discuss in detail during one of the next event, sharing his knowledge with all LASPE Board Members

8. The meeting was adjourned at 12:15 PM.

Christian Vaccese, LASPE 2012-2013 Secretary and Board Member

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2012-2013 LASPE OFFICERS & BOARD

Name	Position	E-mail
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Dr. Steve Cheung	Junior Past Chair	steveior@yahoo.com
Baldev Gill	Chair	Baldev.Gill@longbeach.gov
Dr. Ted Frankiewicz	Vice Chair - Board member through 2015	tfrankiewicz@specservices.com
Nazee Heda	Board member through 2013	Nazee.Heda@slc.ca.gov
Dr. Serge Baghdikian	Board member through 2014	serge.baghdikian@longbeach.gov
Christian Vaccese	Secretary - Board member through 2014	c.vaccese@gmail.com
Rick Finken	Treasurer	rdfinken@gmail.com
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