

Tentative Technical Agenda

Sponsorship Support

Sponsorship support helps offset the cost of producing workshops and allows SPE to keep the attendance price within reach of operations-level individuals, those who benefit most from these technical workshops.

Sponsors benefit both directly and indirectly by having their names associated with a specific workshop.

While SPE prohibits any type of commercialism within the conference hall itself, the society recognises that sponsoring companies offer valuable information to attendees outside the technical sessions.

Sponsorship Categories

Sponsorships are offered on a first come basis. Please contact SPE to verify the availability of a particular sponsorship. Existing sponsors have the opportunity to renew the same level of sponsorship for annual workshops. Sponsorship packages remaining are as follows:

- Gold
- Silver
- Bronze
- Luncheon
- Coffee Breaks
- Audio-Visual Equipment and Stationary
- Committee Gifts
- Speaker Gifts

Sponsorship Benefits

In addition to onsite recognition, SPE will recognise sponsors on the SPE website and in all printed material for the workshop. Based on the sponsorship selected, sponsoring companies can also receive a selected number complimentary local registrations.

For More Information

For a detailed list of available sponsorships, including benefits and pricing, contact Loreen Nisha, event manager at lnisha@spe.org.

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**Call SPE Middle East,
North Africa and India on
+971.4.390.3540 or
Email lnisha@spe.org.**

Wednesday, 18 November 2009

1800–1900: Collection of Badges
1900–2100: Welcome Reception and Networking Hour

Thursday, 19 November 2009

0930–1030

Opening Remarks and Keynote Addresses

This session will trace the application history of modes of artificial lift for more than three decades in Indian fields and will also review the current state of artificial lift systems in these matured fields, envisaged future scenario from operators perspective with focus on producing remaining reserves, changing well dynamics and forthcoming technological innovations. The lessons learnt and technologies applied will be brought to the participants. The future scenario for production and artificial lift requirement will also be spelt out. Integrated artificial lift approach from reservoir to surface issues with cost economics and effect of various parameters will be presented. Case studies and results accrued through such integration will also be presented in this session.

1100–1330

Session 1: SRP

SRP dominates as most preferred artificial lift method for onshore wells. It is one of the oldest means of producing oil from wellbore to surface primarily from low producing wells. These simple and self content mode of lift (dependent only on electrical power) have also experienced many operating problems in day to day operations, primarily due to changing well dynamics, fluid load and characteristic, pump and rod problems. Many innovations, over the years have been brought into the industry to minimise/eliminate these problems and increase its operating envelope including long stoke pumps; low and light weight surface units, etc. This session is focused to enhance the understanding on design, optimisation and trouble shooting issues with leaders sharing their experience gathered over the years.

The session will also identify specific problems and innovative solutions through case studies. The breakout session will provide an interactive platform and enlist micro operational problems, issues and suggested solutions for participants which will be collated and presented during sum up.

1430–1800

Session 2: Gas Lift

Gas lift is currently applied in all areas from land to offshore. In offshore operating areas, gas lift is the major mode of lift. Continuous lift for high volume producing wells (mostly offshore wells) and intermittent lift for stripper wells has been used for many years now. Multilateral completions have been used extensively in recent years to enhance recovery and productions. Such wells showed different fluid load in the beginning and few years after which calls for high flexibility in artificial lift systems. New technology and innovations in articles have also taken place in this mode of artificial lift. Industry leaders and service companies will also focus on integrated lift systems. Digital operations, automated valves and other new development will be showcased in this session.

Friday, 20 November 2009

0930–1200

Session 3: ESP

ESP has been one of the most prominent modes of artificial lift for wells having favourable volumes of produced fluids. Keeping in view that this mode of artificial lift is tubing retrievable, less flexible in handling high gas oil ratio and varied fluid load, low meantime between failures, many improvements/innovations has been brought. Those innovations have been especially targeted to widen their application with varied production and improving operating life over the years. Experience gained, lessons learnt and planned installation will be shared with the participants.

1200–1530

Session 4: “Alternative Lift Forms” (Reciprocals, Hydraulics, Multi-Phase Pumps, Lifts For Cbm and Others)

The industry is currently working towards other modes of artificial lift such as reciprocating, hydraulic, pump, jet pump, turbine pump, special lift requirement for CBM and others. These modes have potential for application and production improvement in different fields. Current usage by operating companies, plans drawn and improvements being planned will help to educate users.

1600–1830

Session 5: Optimisation, Monitoring and JIP

Regular monitoring through data collection and analysis/automation, digital operation and web based control systems all have aimed to improve the production from artificial lift wells. These will be showcased through various presentations and case studies. Benchmarking for regular data collection, its importance, and its impact on production analysis and optimisation will also be deliberated. Some of the ongoing JIP (Joint Industry Projects) in the area of artificial lift will be presented with new technologies currently under development. New technology including software and hardware will be discussed which have shown a significant impact on improving production and efficiency.

Saturday, 21 November 2009

0930–1030

Session 6: Artificial Lifts for Deepwater and Future Challenges

In deepwater artificial lift faces many challenges. It is not only subsea well but also subsea tie-up and riser system that should be included in artificial lift system. Today every operator is giving more thrust on deepwater developments. The artificial lift, therefore is one of the major areas for flow assurance. Current industry practice and plans being drawn are of great importance. The emerging challenges will help the workshop attendees to get an overview of the emerging future.

1100–1300

Session 7: Panel Discussion on Artificial Lift

A panel discussion with senior personnel from operating and service companies, along with academia will be organised to deliberate on the artificial lift challenges and skill development, in view of reducing personnel in this area. Participants will be encouraged to discuss and raise issues of importance and give suggestions to eminent panel.

One-Day Master Class

“Artificial Lifting Economics” | 22 November 2009 | St Larn Towers, Ahmedabad, India
By Manickavasakan S. Nadar, Petroleum Engineer Consultant, Middle East

held in conjunction with the
SPE APPLIED TECHNOLOGY WORKSHOP

Artificial Lift: Reality and Possibilities | 18–21 November 2009 | Ahmedabad, India

Course Description

This course is designed to compare the economics of different artificial lift methods. Artificial lift is an important element for boosting or sustaining oil and gas production from many assets all over the world. The selection of proper artificial lift method for a hydrocarbon producing asset is very challenging, considering the various factors that come into play. Economics will play a key role in the method of artificial lift selected for the asset. In this course we will explore ways of optimising the costs of operating the asset with special emphasis on the artificial lift method used.

Course Objectives

- Become familiar with various types of artificial lift methods and their applications
- Understanding the economic elements of the AL methods
- Become familiar with the factors to be considered for selecting the right AL method
- Comparing the economics of various AL methods
- Become familiar with various contracting strategies
- Identify methods for win-win solutions while dealing with service companies

Course Content

- Evaluation criteria used for the selection of artificial lift method
- Infrastructure considerations - back up provisions for alternate lift methods
- Different contracting methods between service companies and operators
- Managing contracts with suppliers
- Sustaining efficient operations with oil price fluctuations
- Should and when to switch to alternate artificial lift method
- Asset based optimisation approach for artificial lifts

Intended Audience

This course is designed for petroleum engineers, reservoir engineers, production technologists, contracts engineers, production operations and engineering managers and financial analysts dealing with hydrocarbon production and artificial lift operations.

Course Duration

One day

Seminar Instructors

Manickavasakan S. Nadar is a petroleum engineering consultant specialising in production engineering, artificial lift and asset optimisation and is based in the Middle East. He has worked in various capacities in the upstream industry with major operators and service companies for the past 25 years. Specialising in system design, modelling, operation, optimisation and trouble shooting in gas lift and ESP operations, Mr. Nadar has worked in production operations, production engineering, artificial lift engineering in many fields, both onshore and offshore, and has led asset optimisation teams. He is also an expert in asset optimisation and the use of modelling tools for integrated asset optimisation models (IAM). Mr. Nadar earned his B.S Degree in Chemistry with gold medal from Madurai University, India and B.S. Degree in Chemical Engineering from Institution of Engineers (India). As a consultant, Mr. Nadar is currently assisting major operators in the Middle-East in the artificial lift optimisation and de-bottlenecking of their assets. Mr. Nadar has been a trainer and mentor all along his career and has several SPE papers and other publications to his credit.

Course content has been jointly compiled and contributed by James Lea and Nadar

James Lea is currently involved in teaching industry courses on subjects such as artificial lift, ESP, Gas lift, Beam lift, and Nodal Analysis for OGCI/Petro skills as well as consulting on production and artificial lift related projects. He has been recently more involved with gas well dewatering and is co-author of Gas Well Deliquification by Lea, Nickens, and Wells published by Elsevier as well as publishing several articles on related subjects. He organised the first Gas Well Deliquification Workshop four years ago and this year it had grown to over 700 in attendance with continued direction from ALRDC. He also was one of the founding members of the ESP Workshop, a current semi-annual event in Houston. He has received the SPE 1996 Production Award, the 1990 Slonneger Award, and was distinguished lecturer for the SPE twice. He has 100 publications related primarily to artificial lift and production. He graduated from U of Ark with the BSME and MSME in 1965-67 and the PhD from SMU in 1970 working in the area of heat/fluid flow.

Seminar Fees:

Short Course fee includes coffee breaks, luncheons and course materials

DEADLINE FOR RECEIPT OF REGISTRATION FORM: 18 October 2009

Workshop Sponsors



Platinum Sponsor



Gold and Gala Dinner Cultural Programme Sponsor



Luncheon Sponsor
19 November 2009

Workshop Guidelines:

Cost and Residency Information

This is a non-residential workshop. The registration fees include welcome reception and networking hour on 18 November, the gala dinner on 19 November, all workshop sessions, coffee breaks and luncheons. The registration fees are as follows:

Applied Technology Workshop Fees:

National (Indian Nationals based in India) (Registration by fax or email only)

	INR 26,000 for SPE Member	INR 28,000 for Non-Member
Before 18 October 2009		
Including Short Course	INR 31,000 for SPE Member	INR 33,000 for Non-Member
After 18 October 2009	INR 28,000 for SPE Member	INR 30,000 for Non-Member
Including Short Course	INR 33,000 for SPE Member	INR 35,000 for Non-Member
Only Short Course	INR 20,000	

International (Indian Nationals and Non-Indian Nationals based outside India)

	USD 1,700 for SPE Member	USD 1,800 for Non-Member
Before 18 October 2009		
Including Short Course	USD 1,950 for SPE Member	USD 2,050 for Non-Member
After 18 October 2009	USD 1,800 for SPE Member	USD 1,950 for Non-Member
Including Short Course	USD 2,050 for SPE Member	USD 2,200 for Non-Member
Only Short Course	USD 450	

Cancellation and Refund Policy

- a) A processing fee of USD 100 will be charged for cancellations received before the registration deadline 18 October.
- b) For cancellations received after the registration deadline 18 October, 25% refund will be made to the registrant.
- c) No refund on cancellations received within seven (7) days prior to the workshop date, i.e. on or after 11 November.
- d) No refund will be issued if a registrant fails to attend the workshop.

Upcoming Workshops and Conferences/Forums

12–14 October	Workshop	Cairo, Egypt <i>Artificial Lift Intelligence for Production Optimisation</i> Event Manager: Deepa Choitram (dchoitram@spe.org)
19–21 October	Conference	Abu Dhabi, UAE <i>SPE/EAGE Reservoir Characterization and Simulation Conference (RCSC)</i> Event Manager: Waleed Refaay (wrefaay@spe.org)
26–28 October	Conference	Manama, Bahrain <i>SPE/ADC Middle East Drilling Technology Conference and Exhibition (MEDT)</i> Event Manager: Deepa Makhija (dmakhija@spe.org)
16–18 November	Workshop	Cairo, Egypt <i>Deep Well Challenges</i> Event Manager: Deepa Choitram (dchoitram@spe.org)
18–21 November	Workshop	Ahmedabad, India <i>Artificial Lift: Reality and Possibilities</i> Event Manager: Loreen Nisha (lnisha@spe.org)
07–09 December	Conference	Doha, Qatar <i>International Petroleum Technology Conference and Exhibition</i> Project Director: Waleed Refaay (wrefaay@spe.org)
13–15 December	Workshop	Abu Dhabi, UAE <i>Delivering Projects at a time of Uncertainty: Seizing the Right opportunities</i> Event Manager: Barbara Stahli (bstahli@spe.org)
14–16 December	Conference	Kuwait City, Kuwait <i>Kuwait International Petroleum Conference and Exhibition (KIPCE)</i> Event Manager: Deepa Choitram (dchoitram@spe.org)
25–28 January	Workshop	Abu Dhabi, UAE <i>Sustaining Business Excellence and Process Safety through Effective Facilities Integrity Management - Event Manager: Megha Chopra (mchopra@spe.org)</i>
20–22 January	Conference	Mumbai, India <i>Oil and Gas India Conference and Exhibition (OGIC)</i> Event Manager: Loreen Nisha (lnisha@spe.org)

Workshop guidelines

Format

A welcome reception and networking hour on 18 November 2009 will be followed by three days of interactive discussions prompted by selected keynote presentations and discussions. Attendees will be able to maximise the opportunity to interact with other participants. There will also be a gala dinner on 19 November 2009.

Documentation

Proceedings from the workshop will not be published; therefore, formal papers and handouts are not requested of speakers or panel members. A URL containing released copies of the workshop presentations will be available to attendees within 4–6 weeks of following the workshop.

Poster Sessions

The Steering Committee encourages registrations from professionals who are able to prepare and present a poster on a relevant project. For further details kindly contact Loreen Nisha, event manager at lnisha@spe.org.

Scribe

The Steering Committee will appoint a “scribe” to record the discussions and to produce the full workshop report for SPE. This report will be circulated to all attendees as the workshop deliverable within 4–6 weeks following the workshop. The copyright of the report is with SPE.

Attendance Certificate

All attendees will receive an attendance certificate attesting to their participation in the workshop. This certificate will be provided in exchange for a completed workshop questionnaire.

Continuing Education Units

This workshop qualifies for SPE Continuing Education Units (CEU) at the rate of 0.1 CEU per hour of the workshop.

Commercialism

In remaining consistent with workshop objectives and SPE guidelines, excessive commercialism in presentations will not be permitted. Company logos should be limited to indicate the affiliation of the presenter(s).

PLEASE USE INSIDE FORM FOR REGISTRATION