

Registration Form

Registration Deadline: 13 December 2007

First Name: _____ Last Name: _____

Job Title: _____

Company: _____

Address: _____

Town/City: _____ Postcode: _____ Country: _____

Email: _____

Tel: _____ Fax: _____

SPE Member: Yes No If Yes, SPE Membership Number: _____

Details of relevant experience: _____

Do you wish to present a poster ? (subject to selection) Yes No

Do you wish to make an oral presentation ? (subject to selection) Yes No

If yes, please indicate which subject you would like to present on: _____

Registration Fees : USD 1,500 for SPE Members USD 1,600 for Non Members

Payment by Credit Card:

Credit Card (Check one) American Express MasterCard Visa

Card Number input boxes (16 digits)

Expiry Date input boxes (mm/yy)

Card Number (will be billed through Society of Petroleum Engineers)

Expiry Date (mm/yy)

Name of Credit Card Holder (printed): _____

Billing Address including Zip Code/Postal Code of Card: _____

Signature (required): _____ Date: _____

Payment by Bank Transfer: IMPORTANT - For reference: Please Quote "07AMAL" and name of Delegate
Make Payment to: HSBC Bank Middle East, Jebel Ali Branch, PO Box 66, Dubai, UAE
Account Name: SPE Middle East FZ-LLC Account Number: 035-129709-100 Swift Code: BBMEAEAD

Cancellation and Refund Policy:

- a) A processing fee of USD 100 will be charged for cancellations received before the registration deadline 13 December 2007.
b) Cancellations received after the registration deadline, 13 December 2007, entitles the registrant to receive a 25% refund.
c) No refund on cancellations received within seven (7) days prior to the workshop date, i.e. on or after 06 January 2008.
d) No refund will be issued if a registrant fails to attend the workshop.

To submit your registration online, please visit the SPE Web Site at: www.spe.org or email this form to : formsdubai@spe.org or fax this form to: +971 4 366 4648





INFORMATION MANAGEMENT - CONNECTING HUMAN CAPABILITIES TO INTELLIGENT FIELDS

>>Registration deadline:
13 December 2007

>>Register by fax, email or
online at www.spe.org/atws

Steering Committee

Zara Khatib
Co-Chairperson
Shell

Ali Al Muallem
Co-Chairperson
Saudi Aramco

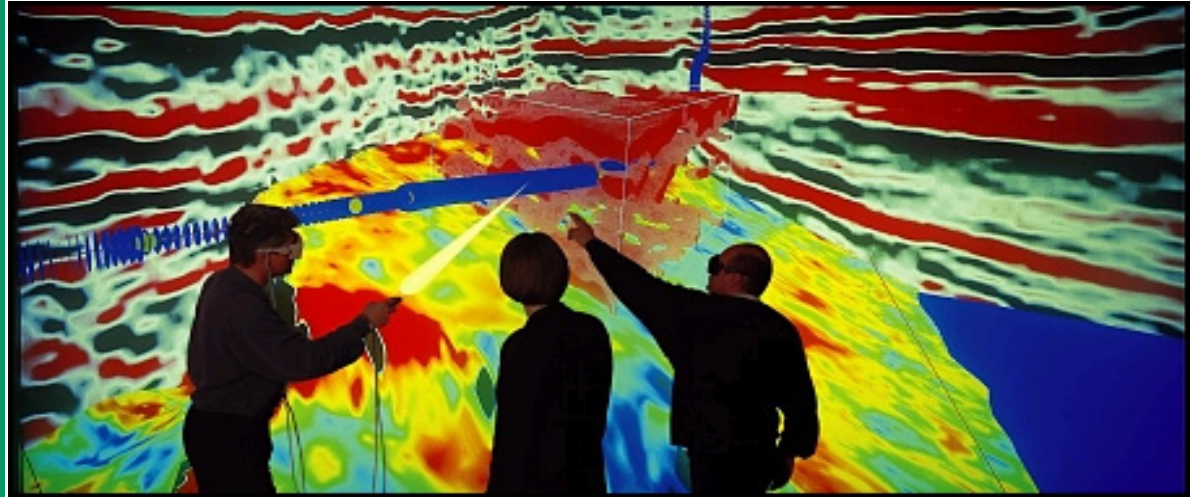
Con Goodman
Shell

Eyad Alqadi
CISCO Systems

Justin Lowe
PA Consulting

Soran Talabani
Baker Hughes

Victor Lunar
Schlumberger



Workshop Description

Harnessing human capabilities in a collaborative environment has become more challenging as global projects have become bigger and more complex and the industry demographics are becoming younger and less experienced. These challenges require organisations' ability to process information and transfer them to knowledge to support the core of managerial competencies in making timely, quick and sound decisions. In addition, the cooperation and/or integration with other organisations in the industry value chain are crucial for reducing uncertainty, for efficient and safe operation and for maximising return on investment.

The workshop attendees will learn more about new IM strategies by various businesses and service providers within the industry and will discover the latest ways of working, best practices in adopting and applying new technologies and how to influence changes in behaviors to capture the value of information.

Discussion leaders will focus participants on the following topics:

- Strategies, trends and outlook in knowledge management and IM technologies
- Business Information drivers and specification of the information that is required to deliver a project and to operate and maintain the facilities
- Information Management workflow and portfolio of integrated tools and processes
- Business information awareness, planning, documentation, data quality, transfer, control and security through the lifecycle of a project
- The use of portals to free business users from the 'application paradigm' - needing to know what application to use where and when, needing user ID/password, URL's, training etc. (the traditional IT approach)
- Progress that has been made, what more could be done and how all the players work together to accelerate the implementation of the intelligent energy sector.

Who should attend

The purpose of the workshop is to promote the interaction among decision makers and the practitioners of the computational intelligence of the petroleum industry. The workshop will be of interest to Project Managers, Business Managers, Asset Managers and Field Operators from energy companies, major resource holders, technology and service providers and academia.

General Information

Overview of Muscat:

Muscat presents a relatively homogeneous appearance of low, generally white buildings, with residential, government, and commercial architecture frequently recalling, at least by allusion, historic regional styles. Muscat has seen an explosion of infrastructure development and urbanisation. Mutrah, 3km north-west of Muscat, is the main trading and residential port area. A few kilometers inland from Muscat and Mutrah lays Ruwi, the capital's modern commercial district. There are three forts in Muscat, all of which took on their more or less present form in the 1580s during the Portuguese occupation of Muscat. Mutrah Fort sits on a hill while Jalali and Mirani forts guard the entrance to Muscat. All of the forts are still used by the police and/or military. Muscat has by far the best aquarium in the Gulf. All of the specimens on display are native to Omani waters and most are accompanied by thorough descriptions in English. The Oman Museum, in the Medinat Qaboos, west of Muscat, covers the entire sweep of Oman's 5000-year history. There are also displays on shipbuilding, Islam and fort architecture. In Ruwi, the National Museum has sparkling displays on Omani silverwork, and the Sultan's Armed Forces Museum, in the Bait Al-Falaj fort, has an excellent outline of Omani history.



About the Venue:

The Grand Hyatt Muscat is a luxurious hotel on the beachfront of the Gulf of Oman's coast. The hotel features an outdoor pool, restaurants, a fitness facility, and grounds punctuated by palm trees and green foliage. About 11 miles from the Seeb airport, the hotel is convenient to the area's main business district and a short drive from historic old Muscat.

Format:

Icebreaker Reception and Dinner followed by two and a half days of informal discussions prompted by selected keynote presentations and discussions. Attendees will be assigned to discussion groups on a random basis for each session to maximise the opportunity to interact with other participants.

Attendance:

Registrations will be accepted on a first-come-first-served basis. The Steering Committee encourages attendance from those who can contribute to the workshop most effectively. A mix of attendees in terms of geographic origin, companies and discipline will be encouraged.

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.

Cost Information:

The rate will be USD 1,500 for SPE members and USD 1,600 for non-members. The fees include welcome reception and dinner on 13 January 2008, all workshop sessions, coffee breaks, luncheons, and social functions.

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Tentative Technical Agenda

Sunday 13 January

Badge Collection and Icebreaker Reception and Dinner

Monday 14 January

Session 1:

Plenary Session

Session Chairpersons: Ali Al Muallem, Saudi Aramco & Zara Khatib, Shell

In this plenary session, leaders from various businesses, technology and service providers will focus on the Information Management Strategies, trends and outlook in knowledge management to move their companies into the new global and digital era of operation. They will also explore the challenges, business value and operational benefits derived from the integration of people, technology and business and operational processes with special emphasis on human factors.

Session 2:

Human Capabilities

Session Chairpersons: Con Goedman, Shell & Victor Lunar, Schlumberger

Information and knowledge management are two factors that glue diverse human capabilities together to multiply the delivered business value to the business. Unless individual human capabilities are connected through structured training programs, knowledge capture, change management and effective sharing of knowledge, the most important assets that oil and gas companies have today, will 'walk out the door' with the upcoming 'crew change', and with it the immense business value it generates. By connecting existing human capabilities effectiveness, business value can be increased dramatically enabling the business to compete and survive in a difficult market environment.

This session will highlight ways to overcome the human resource constraint by unlocking human potentials and by increasing the capabilities of teams. This will include effective knowledge transfer/training programs, embedded knowledge sharing, ways of working and related change programs that will amplify the impact that technical professionals can have on business results.

Tuesday 15 January

Session 3:

Intelligent Technology

Session Chairpersons: Eyad Al Qadi, CISCO, Soran Talabani, Baker Hughes & Zara Khatib, Shell

Intelligent reservoir and well foundation and completion are based on human expertise, technology support and live management. With the capacity of the data and information transferred live to our offices from oil and gas fields we are able to take precise decisions on time. Today, we manage to thoroughly navigate through the reservoir from our offices and take decisions based on the real time information. Technologies of today have also boosted our capabilities to manage and monitor oil and gas fields based on such live information. Oil field asset owners and operators face two primary issues in exploration and production; asset productivity and operating efficiency. Operators typically do not have visibility to sense the current state of the oil field and respond with actions to reduce well downtime or increase the oil flow. Traditionally, these sense-and-respond capabilities have been prohibited by the remoteness of this "First Mile" and its fundamental lack of connectivity.

This session will highlight recent advances in intelligent technologies such as wireless technologies to resolve this limitation and to enable operators to transform their operations into increased asset productivity while reducing costs and improving communication and collaboration. In addition, recent implementation of new and improved physical and virtual security guidelines and awareness programs to safeguard against unauthorized access, and activate a rapid and effective response will be discussed.

Session 4:

Collaborative Environment

Session Chairpersons: Eyad Al Qadi, CISCO & Con Goedman, Shell

The traditional tools and technology-focused approach have proven to be falling short in providing the collaborative environment that matches up with the business needs and delivers the required value to the business. Business users rightfully focus on delivering business results and the required information management, good practices and necessary compliance with information security, records management, etc. come too often as an 'after the event chore'. Tools and technology can work diametrically opposed to the required ways of working, unless they come at the end of the process when the required tool capabilities are clearly understood and the tools serve the everyday workflow and not the other way around.

This session will focus on business requirements and how to connect them to human behaviour, thereby establishing required collaborative everyday ways of working. It will also cover how managing technology and its infrastructure, as well as coupling people and workflows will contribute to the success of using intelligent technology. In addition, it will highlight ways to embed sharing and storing in the right place in everyday workflow to avoid business users from falling back into private filing and non-sharing type of behaviour. Best practices in making the environment comfortable to the (potential) data user to find data, use it and store it in a potentially personalised environment will be shared.

Wednesday 16 January

Session 5:

Intelligent Fields in Action

Session Chairpersons: Ali Al Muallem, Saudi Aramco & Victor Lunar, Schlumberger

The challenges faced by the oil and gas industry are complex today and include difficult operational environments, increased data availability, information demands, complex field infrastructure, renewed commitment to HSE, tighter regulatory and media pressure, reduction in the availability of skilled work force, pressure to increase production and increase recovery factor and overall demand to improve returns and operating efficiency. Oil and gas companies are driven to look for innovative ways to conduct their field operations. Ways put forward to address these issues are demonstrated by implementing the concept for Intelligent Fields or the like such as Smart fields, i-Field, Digital Oil Field or e-field, Bluefield, etc.

This session aims at highlighting the pros and cons of intelligent fields through case studies that will show some of the technological advancements and collaborative environments achieved by oil and gas companies on this subject. Discussion leaders will also discuss the role that information management has in the implementation of intelligent fields and will highlight how that can improve production operations, accounting and measurements, while boosting the reliability of data quality that is put into the system. The follow-up work groups will set the stage for key learnings to be explored as industry moves into intelligent fields and will discuss/prioritise technological and capability gaps and list future R&D needs.