

**Do you work in sand management or have sand issues?
Then you can't afford to miss this focused sand management forum.**

The Sand Management Network and Society of Petroleum Engineers Aberdeen's biennial Sand Management Forum is the place for exchange, discussion and knowledge-sharing. As sand production issues become ever-more important to the economics of the oil and gas industry, this forum has become the European gathering of authority on the subject.

The conference will encompass sand management strategy and global sand management, on and offshore. The two-day conference programme is accompanied by an exhibition of cutting-edge sand management solutions, technologies and services and is preceded on the 20th by a preconference workshop.

Come along to improve your technical understanding

- Hear about what's new in sand management
- Share lessons learned and case histories
- Network and participate in cross-discipline discussions

Pre-conference workshop

'Management of sand from source to final destination.'

Participants will learn about the impact of sand production on operations, practical techniques in managing sand and to be aware of the current and future technologies on the market. The presentations will be interactive through equipment examples, specialist software and working through case studies with audience participation.

Who should attend this course?

Geoscientists and reservoir engineers will be interested in the workshop as they will learn how the subsurface work impacts subsea and topside engineering. The workshop will provide drilling, completion, integrity and production engineers an excellent overview of sand management and enable them to understand the role of engineers outwith their discipline. Asset managers who are new to sand-producing fields or who want a refresher on sand management technology and practices would find this workshop very valuable.

Sand Management Forum Steering Committee

Michael Heaney, Benchwhistler Associates
 Robbie Allam, BP
 Colin Jones, Chevron
 Juan Tovar, IESL Global
 Steve Futter, Maersk Oil
 Tim Podger, NOV Merpro
 Babs Oyenyin, Robert Gordon University
 Gbenga Oluyemi, Robert Gordon University
 Andrew Kinsler, SMS
 Ali Moncur, SMS
 Therese Scheldt, Statoil
 Samuel Heng, Total
 Martin Geddes, Weatherford

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Aberdeen Section

www.spe-uk.org

SAND
management



5th European Sand Management Forum

Manage sand - manage your costs
21st & 22nd March 2012

Booking & Enquiries

Rodger and Co
 Sand Management Forum event managers
 Tel +44 (0)1224 495051
 Email spe@rodgerandco.com
www.rodgerandco.com

Book online
www.rodgerandco.com

PO Box 10118 , Aberdeen AB16 5WJ, UK



Early Bird online discount

until 25th February 2012
 SPE Members £335 plus VAT (£402.00)
 Non-members £425 plus VAT (£510.00)



Group discount

Pay for four 2-day places and get the fifth free. Not available with the Early Bird discount. Contact the organisers to book and pay.



Conference

21st and 22nd March 2012
 (Paid after 25th February or paid by cheque)
 SPE members £385 plus VAT (£462)
 Non-members £475 plus VAT (£570)
 Students £50 plus VAT (£60.00)



Accommodation

Two hotels at the venue offer special rates, subject to availability, to delegates who quote SAND when booking.

Holiday Inn Aberdeen Exhibition Centre

£115 BB per room per night
 Tel Chris or Steph 01224 706878
reservations@hiaberdeen.com

Holiday Inn Express Aberdeen Exhibition Centre

£89 BB per room per night
 Tel. 01224 227255
donnasneddon@hiaberdeen.com



One Day only of Conference

SPE members £235 plus VAT (£282.00)
 Non-members £290 plus VAT (£348.00)



Pre-conference Workshop

20th March 2012
 SPE members £130 plus VAT (£156.00)
 Non-members £155 plus VAT (£186.00)



Aberdeen Exhibition & Conference Centre, Scotland, UK

Keynote Speakers

- Steve Garrett, Manager, Global Technology Centre, Chevron
- Mike Hannan, Senior Petroleum Engineer, Department of Energy and Climate Change

Pre-conference workshop

- Management of sand from source to final destination

Two day conference

Specialist exhibition of sand management services



Download a scanning app onto your smart 'phone, then scan this code for the conference programme and latest information.

5th European Sand Management Forum

Manage sand - manage your costs

21st & 22nd March 2012



Pre-conference Workshop Programme for Tuesday 20th March 2012

The workshop provides an introduction to the main components of sand management from reservoir to disposal. Participants will gain an understanding of the impact of sand production on operations, practical techniques in managing sand and the current and future technologies on the market. During the day there will be interactive demonstrations of equipment/software and the workshop should appeal to reservoir, production and integrity engineers as well as facilities teams considering the handling, monitoring and inspection content. Asset managers and geoscientists would also benefit from this overview of sand management.

09:00	Registration and refreshments
09:20	Workshop Introduction
09:30	Sub-surface sanding prediction - Answering the 'if, when, where from, how much and what size' critical questions to effective sand production prediction Juan Tovar, Innovative Engineering Systems Ltd
10:30	Refreshment Break
10:45	Sand Control - 10 steps for successful sand control Martin Geddes, Weatherford
11:45	Sand Monitoring - Sand monitoring systems, techniques and applications Andrew Kinsler, SMS Ltd
	Sand Transportation through the Produced Water Treatment Process Philip Hamblin, Jorin Limited
12:45	Lunch and Discussion
13:30	Sand Handling – Surface sand handling James McCrae, NOV Merpro
14:30	Inspection - Typical NDT techniques for detecting and sizing flaws likely to arise from sand Jim McNab, Oceaneering.
15:30	Sand Management - Sand control/management process Iain Coates, Nexen
16:00	Open forum discussion
16:30	End

Conference Programme for Wednesday 21st March 2012

08:00	Registration, refreshments, exhibition
08:30	Welcome and introduction Tim Podger, NOV, Conference Chairman
08:40	Keynote address Steve Garrett, Manager, Global Technology Centre, Chevron
	Session 1: Asset management and integrity
09:00	Sand management in a deep offshore environment: Bloc 17 Ryad Souila, Total EP Angola
09:35	Case Study – UKCS. An integrated approach to sand management - implementation and benefit Ali Moncur, Sand Monitoring Services
10:10	Refreshments, exhibition
10:35	BP surface sand management strategy and current technology challenges Mike Power, BP
11:10	Available methodologies concerning the removal of hydrocarbon contaminated sand in pipelines and associated case studies Neil Mackay, Halliburton (Pipeline and Process Services)
11:45	Quantifying sand and fines production for system design Daniel Teng, Woodside Energy Ltd
12:20	Lunch, exhibition and refreshments
	Session 2: Rock Testing / Laboratory Analysis
13:40	Volumetric sand prediction Colin Jones and John Cameron, Chevron
14:15	Non-destructive strength index testing applications for sand failure evaluation Gill Daniels, Senergy Oil and Gas
14:50	Refreshments, exhibition
15:15	New sand retention test set-up exhibits no plugging tendencies between various screen types using non-uniform test sands Oddbjørn Larsen, Statoil
15:50	Sand retention testing: how can it be improved ? Tracey Ballard and Steve Beare, Weatherford
16:25	Exhibition and networking reception

Conference Programme for Thursday 22nd March

08:00	Registration, refreshments, exhibition
08:30	Keynote Address Mike Hannan, Senior Petroleum Engineer, Department of Energy and Climate Change
	Session 3: Reservoir / wellbore interface
08:50	Impact of near wellbore deformation on compliant sand control completions performance Juan Tovar, Innovative Engineering Systems Global
09:25	Enhancement of the maximum sand free production rate through the change of the zetapotential of the formation particles Dan Johnson, Mark Ploegmakers, Weatherford
10:00	Refreshments, exhibition
	Session 4: Sand Monitoring
10:25	Sand management monitoring through dynamic imaging technology Alan O'Donoghue, Tod Canty and Colin Dalton, JM Canty International
11:00	Sand transportation through the produced water treatment process Nick Roth and Gayathri Ariaratnam, Jorin
	Session 5: Completion design and sand control selection
11:35	Completion performance study of underbalanced perforating vs. overbalanced perforating with or without surging perforations in cased hole frac pack completions Rick Dickerson and Calum Whitelaw, Chevron
12:10	Lunch and Exhibition
13:30	State of the science in standalone screen selection Rajesh A Chanpura, Schlumberger
14:05	ICD installation and integration challenges - selection process of hardware and modelling Michael Pitts and Hope Okhuoya, Maersk Oil North Sea
14:40	Refreshments and exhibition
15:05	The influence of fines on the sand face completion Adrian Slayter, Mike Byrne and Phil McCurdy, Senergy
15:40	Successful installation of openhole gravel pack with temporary zonal isolation in an offshore North Sea well Saad Khan, Shell UK Exploration & Production
16:15	Closing remarks