

MCE DEEPWATER DEVELOPMENT 2015

.....
*Increasing Value through
Industry Collaboration*
.....

24-26 MARCH, 2015
ExCeL • LONDON
WWW.MCEDD.COM



TECHNICAL PROGRAM

.....

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About MCEDD

Marine, Construction & Engineering (MCE) Deepwater Development is recognized as the leading conference addressing technical issues related to engineering, development, and production of oil and gas in deep and ultra deepwater arenas around the world. As our industry confronts new challenges, the sharing of deepwater experience will play a critical role in improving the quality, safety, and economics vital to the future of the industry.

The mission of MCEDD is to provide a focused event, based in Europe and completely dedicated to the advancement of Global exploration and production. The conference addresses the myriad of technical issues and challenges confronting this industry, while offering networking opportunities unrivaled by any other industry event.

The MCE Deepwater Development Technical Conference:

Engages key members of the deepwater oil and gas community by providing a stage for world-class technical discussions focusing on the technology, innovation and experience paving the way to realizing a future of increasing demand. The technical program works together with the focused exhibition and valuable networking opportunities to create an environment conducive to better understanding the long-term vision of the global deepwater industry.



Save the Date

**MCE Deepwater
Development**

.....
24-26 March 2015

ExCeL, London

www.MCEDD.com
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VP Lifecycle Technology
Aker Solutions



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General Manager
GMC Ltd



MCEDD Advisory Board

Abstract Submission Guidelines

- Submit abstracts at www.MCEDD.com
- Abstract submission deadline : October 17, 2014
- Decision notification: December, 2014

Abstract Guidelines

- Abstract topic should be relevant to deepwater technologies, strategies or developments
- Abstracts should focus on the technical elements of the chosen topic, not the commercial aspects of a company's offerings – commercial abstracts will not be accepted.
- To enable the Advisory Board to judge each abstract adequately, please provide a comprehensive abstract containing a brief description of the proposed presentation, relevant application of information to the deepwater market and high level observations and conclusions.
- It is encouraged that project-related abstracts be co-authored by the oil company involved in the project.
- Any proposed presentation must get all necessary approvals prior to submitting an abstract. If outstanding approval issues remain at time of submission, please note those for review.

Technical Topic Categories

Macro Market

- Safety
- Human resources
- Frontier/Harsh environments
- Global natural gas, LNG, supply and demand
- Pre-salt/sub-salt
- Oil and threshold prices
- Deepwater exploration

Engineering

- Standardization
- Field optimization
- Marginal field development
- Well construction

Contracting Strategies

- Cost
- Risk
- Supply chain
- Safety
- Local content
- Geopolitics
- Project management

Deepwater Developments

- Case studies
- Lessons learned
- Stage gate process
- Development strategies
- Reliability and sustainability
- Marginal field development

Life of Field

- Intervention
- Repair
- Modification
- Maintenance
- Surveillance/Monitoring

Subsurface, Well and Drilling Technologies

- Novel drilling techniques
- Well design
- Well safety, integrity
- Reservoir management and optimization
- Subsea well IRM
- Pressure control
- Artificial life
- Completion
- Well control

Subsea Technologies

- Enabling technologies
- Subsea production systems
- Subsea processing applications
- Subsea power and distribution
- Standardization, reliability, integrity
- Enhanced oil recovery
- High pressure
- High temperature
- Subsea production umbilical technology
- Subsea workover
- Flow assurance
- Subsea surveillance and monitoring
- Case studies

Pipeline, Flowline and Risers

- Export pipelines
- Installation
- Flow assurance
- Insulation
- Material selection
- Corrosion
- Infield flowlines
- Trunklines
- Production and injection risers
- Leak detection and prevention
- Surveillance and monitoring
- Replacement

Floating Production Systems

- Concept selection
- Engineering
- FLNG
- Mooring Systems
- Life extension
- Fabrication shipyard supply
- Lessons learned

Marine Construction

- Novel vessel capabilities
- Supply and demand outlook
- Contracting strategies
- Heavy lift
- Heavy transportation
- Offshore installation
- Offshore construction
- Case studies

Early Career Engineer Program



EARLY CAREER ENGINEER PROGRAM



- Open to those with 7 years or less oil & gas experience
- Accepted presentations highlighted within the full technical program
- Awards for Best ECE Presentation

Notification of Acceptance

- You will be notified of your acceptance into the technical program in early December 2014.
- You will have two (2) weeks from when the acceptance e-mail is sent to confirm your participation.
- If we do not receive your confirmation after a follow-up e-mail, we will assume you are no longer interested in participating in the program.

Technical Program Format

Upon final approval of the technical program, each accepted speaker will be contacted. Full speaker guidelines will be provided at that time. Please see below for initial information.

- Majority of technical program is run in two, simultaneous tracks.
- Each speaker is given 15-20 minutes to speak (presentations are to be limited to 15-20 slides).
- Time for Q&A with audience is not included in the 15-20 minutes and should not be considered additional available time to speak.
- Proceedings (Adobe PDF files) are gathered about one month prior to the event and distributed at the event.
- No technical paper is required.
- Rough drafts of presentations are required and vetted by session chair people to ascertain guidelines have been adhered to.
- An Audience Response System is utilized in track one and requires multiple choice/true, false/agree, disagree questions to be submitted by speakers with answer options (these are to elicit options, not quiz the audience on a presentation).

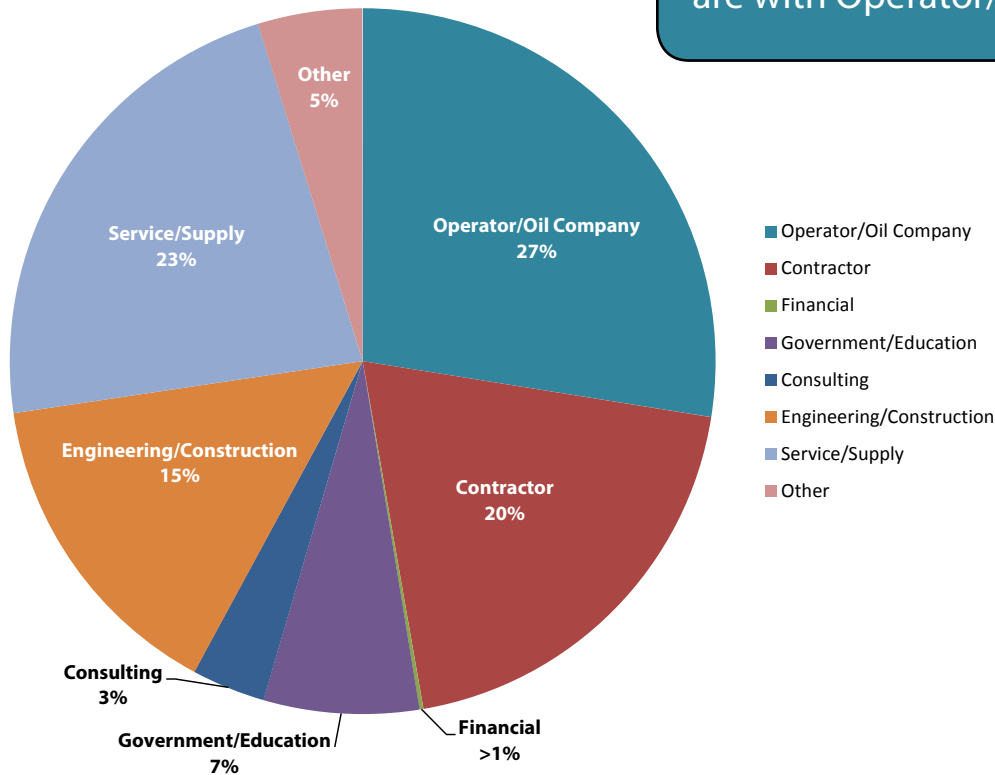
Cancellation Policy

While we understand circumstances arise that may prohibit you from presenting after confirmation, we appreciate that speakers who must cancel, find a suitable replacement for the speaker.

2014 Attendee Demographics

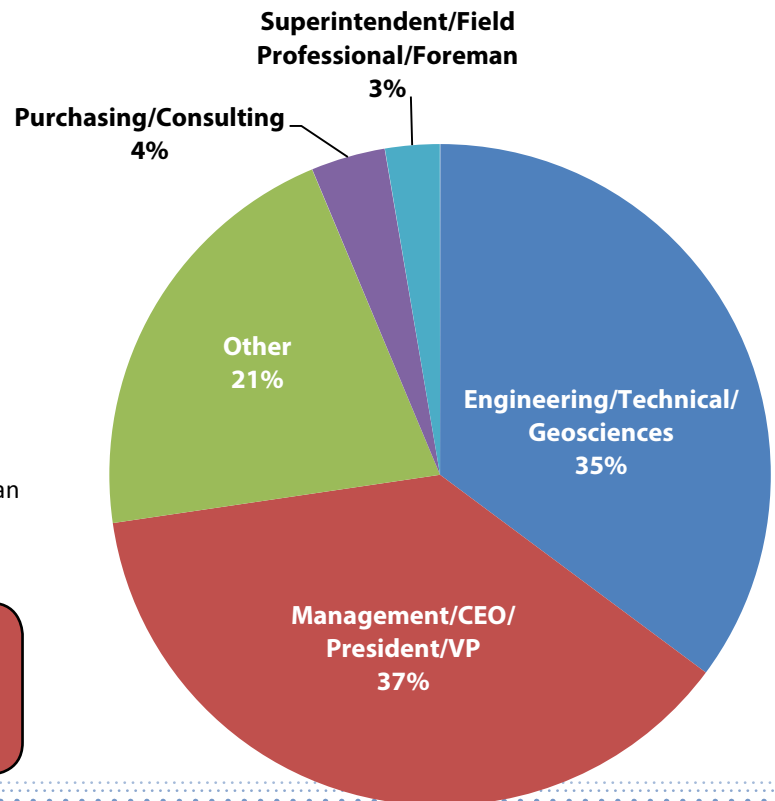
Company Type

More than a quarter of our attendees are with Operator/Oil & Gas companies



Job Type

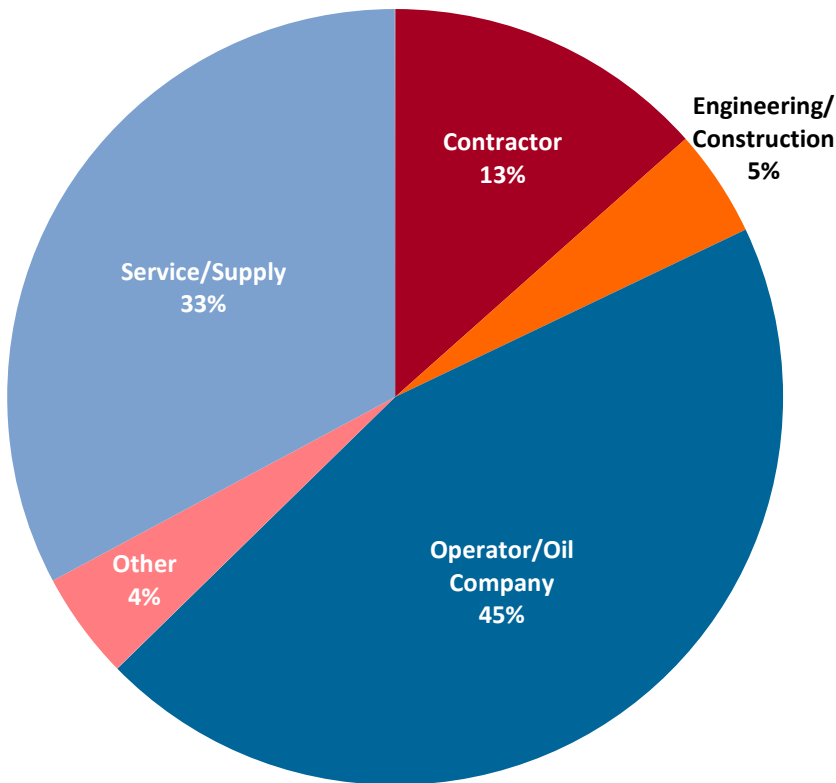
- Engineering/Technical/Geosciences
- Management/CEO/President/VP
- Other
- Purchasing/Consulting
- Superintendent/Field Professional/Foreman



37% of our attendees are in a Management/CEO/President/VP position

2014 Speaker Demographics

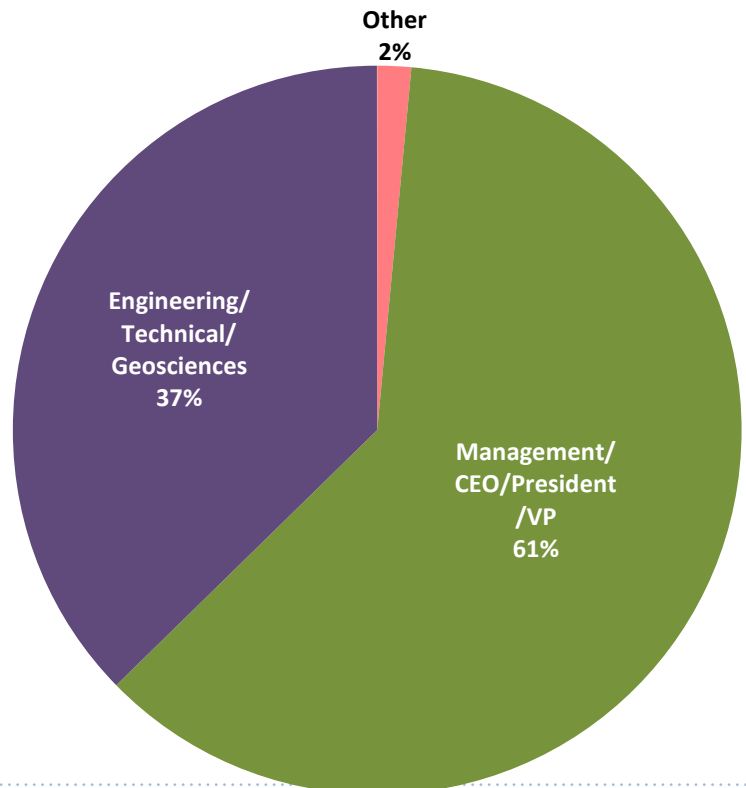
Company Type



About half of our speakers are with Operator/Oil & Gas companies

Job Type

61% of our speakers are in a Management/CEO/President/VP position



2014 Technical Program Highlights

Tuesday, April 8, 2014

Global Pipeline & Riser Strategies

- Robin Biddlecombe, Flowline and Riser Engineer, **BP UEC**, *"Use of Monte Carlo Simulation to Assess BOL CO2 Corrosion - An Alternative Approach to the Design and Integrity Management of Subsea Flowlines"* (ECE)
- Ange Luppi, President (Technical Director), **SEAL Engineering**, *"Innovative Multi-Risers System for Deep Water Field Developments"*
- Olivier Langeard, Project Engineer, **ADC & DORIS Engineering**, *"Anticipating Pipe-in-Pipe Loss of Integrity – Case Study for the Angolan Deepwater Network"* (ECE)
- Leah Regel, Flowline and Riser Engineer, **BP Angola**, *"Riser Tower Monitoring – An Operations Perspective"* (ECE)

Subsea Flow Assurance Challenges & Opportunities

- Marta Dueñas Díez, Senior Technologist, **Repsol**, Technology Centre, *"Real-time Multiphase Modeling: Mitigating the Challenge of Slugging by Proactive Flow Assurance Decisions"*
- Yinka Olaniyan, Flow Assurance Engineer, **Total**, *"Investigation of Slug flow in Deep Water Architectures"*
- Ed Grave, Fractionation & Separation Advisor, **ExxonMobil Upstream Research Company**, *"Slugging in a Subsea Compact Separation System"*
- Mehran Moini, Principle Pipeline Engineer, **Shell Nigeria Exploration and Production Co**, *"Deepwater Intelligent Pigging Yields Positive Results at Bonga"*

Wednesday, April 9, 2014

Deepwater Heavy-Lift Operations

- Stefan Schlömilch, Senior Engineer, Analyses and Technology, **EMAS AMC**, *"A New Solution for Safer Overboarding of Large Subsea Structures from Offshore Construction Vessels"* (ECE)
- Ryan Epstein, Structural Engineer and Marin Abélanet, Engineering Director – Asia, Australia & New Zealand, **Subsea 7**, *"Deepwater Heavy-Lift"* (ECE)
- Gordon Wilkinson, Business Development Manager and Sjoerd Meijer, Business Development Manager, **Jumbo Offshore AS**, *"Dynamics of Offshore Lifts Using Monohull Heavy Lift Vessels"*
- Jorn Boesten, Segment Manager Offshore, **DSM Dyneema**, *"Latest in Deepwater Installation Technology"*

Global Subsea Enablers

- Gabriel Beaudonnet, Subsea Engineer, **Doris Engineering** and Vincent Peyrony, Petroleum Architect Deep Offshore, **Total**, *"Subsea Station for Chemical Storage and Injection: 2 Case Studies"* (ECE)
- Lars Mehus, Chief Engineer - Umbilicals, **Aker Solutions**, *"Steel Tube Umbilical Challenges for Long Step Outs and Ultra Deepwaters"*
- Marta Dueñas Díez, Senior Technologist, **Repsol**, Technology Centre, *"Montanazo-Lubina: Successful Deep Subsea Tieback in the Mediterranean Sea"*
- Espen Bostadlökken, Global Head of Sales - Subsea Systems, **Siemens AS**, *"Subsea HPU for Deep Water Developments"*

Advancements in FPS Design & Life of Unit Performance

- Mireille Franco, Naval Architect, **Total**, *"Floating Units Life Extension Total Approach"*
- Alex Argyros, Naval Architect, **DNV GL**, *"Recent Advances in Modeling Methods and Operational Procedure for Ultra-Deep Water Moorings and Risers"* (ECE)
- Damien Thiery, Offshore Project Engineer, **Bureau Veritas**, *"Converted Tankers into F(P)SO: Life Extension's Structural Challenges"* (ECE)
- David Hua, Manager, Advanced Engineering – Offshore and Maritime, **ABS Group**, *"The Effect of Inspection and Maintenance on Asset Life Extension"*



This year marks the fifth annual Early Career Engineer (ECE) program for MCE Deepwater Development. The ECE Program began in Amsterdam with the support of BP, as a high-profile platform for the industry's new engineers to share the technologies, projects and ideas they are working on with the decision makers among the deepwater industry. The program has grown since 2010 and this year's ECE participants represent international oil companies, major manufacturers and key members of the supply chain. We welcome all conference delegates to attend the technical program and listen to what these talented engineers have to share; we also want to thank BP for their ongoing sponsorship as well as the SUT for their strong support of this growing program.



Thursday, April 10, 2014

Innovations in Extreme Environment Technologies: High Pressure & Temperature

- Upul Fernando, Principal Engineer – Wellstream, **GE Oil & Gas**, “Development of an Ultra-high Pressure Deep Water Riser/ Flowline – Challenges and Progress”
- Brian Skeels, Emerging Technologies Director, **FMC Technologies**, “HPHT Design Guideline for Subsea Equipment”
- Etienne Girault, Head of Metallic Materials; Eric Kerdiles, Welding Manager; Giulio Fatica, Subsea Field Development Manager; François Lirola, R&D SURF Lead; **SAIPEM SA**, Denise Mahn, R&D Manager - Offshore Line Pipe; Tanja Schmidt, R&D Director Pipe Project Division; **Vallourec** “Upset Thick End Pipes: Innovative Solution for HPHT Applications and Severe Deep Water Environment” (ECE)

Increasing Hydrocarbon Recovery

- Tatiana Høydal, Draugen Pump Delivery Lead, **Norske Shell AS** and Fredrik Wadel-Andersen, Sales Manager for Pumps and Subsea Process Systems Europe, **OneSubsea**, “Project Execution of a Complete Subsea Multiphase Pump System for the Draugen Field”
- Ole Edvind Karlsen, Vice President, Global Subsea Operation, **Welltec Norway**, “Increasing Recovery from Subsea Wells Through Electric Line Riserless Light Well Intervention (RLWI) Methods”
- Iain Morrice – Business Acquisition Manager, **Helix Well Ops Europe & Africa**, “Well Intervention Campaigns Across 3 Continents & Q7000 Overview”
- Bjarne Neumann, Director Well Intervention Services, **FMCTechnologies**, “Deep Water Enabler for Increased Oil Recovery”

Deepwater Developments: Increasing Demand While Maintaining Quality & Reliability

- Per Arne Nilsen, Head of Subsea Department and Mathieu Lardeux, Subsea Engineer, **Total**, “Total Subsea Technical Specifications - Alignment with SPS Contractors”
- Charlie August, Product Manager, Subsea Controls, **GE Oil & Gas**, “Strategies for On Time Delivery in a Constrained Market”
- Roy Robinson, Global Contracts - Development and Production; Natalia Gonzalez, Subsea Contracts Manager and Alfredo Salcines, Subsea Engineer, **Repsol**, “Offshore Megaprojects - Why We Fail and How to Fix it”

Global Natural Gas Developments

- Claude Cahuzac, Ichthys Offshore Project Director, **INPEX**, “The Ichthys LNG Project”
- Thomas Bjørn Thommesen, Vice President/Project Director Aasta Hansteen Facilities, **Statoil**, “The Aasta Hansteen Project”
- Martijn Van Driel, INTECSEA South Stream FEED Manager, **INTECSEA**, “An Update From the South Stream Pipeline Project as it Concludes Its Design Phase”

MCEDD 2014 Speaker Award Winners



Jonathon Miller, Subsea & Technology Development Supervisor, accepts the Best Overall Presentation Award from Caitlin Traver, Director Market Research & Data Division & Director of Technical Content, Quest Offshore

Winner of Best Overall Presenter

A. de Silvio, M. O'Driscoll, J. Ruiz, M. Massey, Jonathon Miller, Subsea and Technology Development Supervisor; InterMoor, “A Novel Installation Method for Deepwater Well Conductors”



Winner of Early Career Engineer Best Technical Content

Stefan Schlömilch, Senior Engineer, Analyses and Technology, EMAS AMC, “A New Solution for Safer Overboarding of Large Subsea Structures from Offshore Construction Vessels” (ECE)



Winner of Early Career Engineer Best Overall Presenter

Daniel Finfer, Applications Development Manager, Silixa Limited, “Intensive Subsea Surveillance System” (ECE) – Co-authored by Chevron

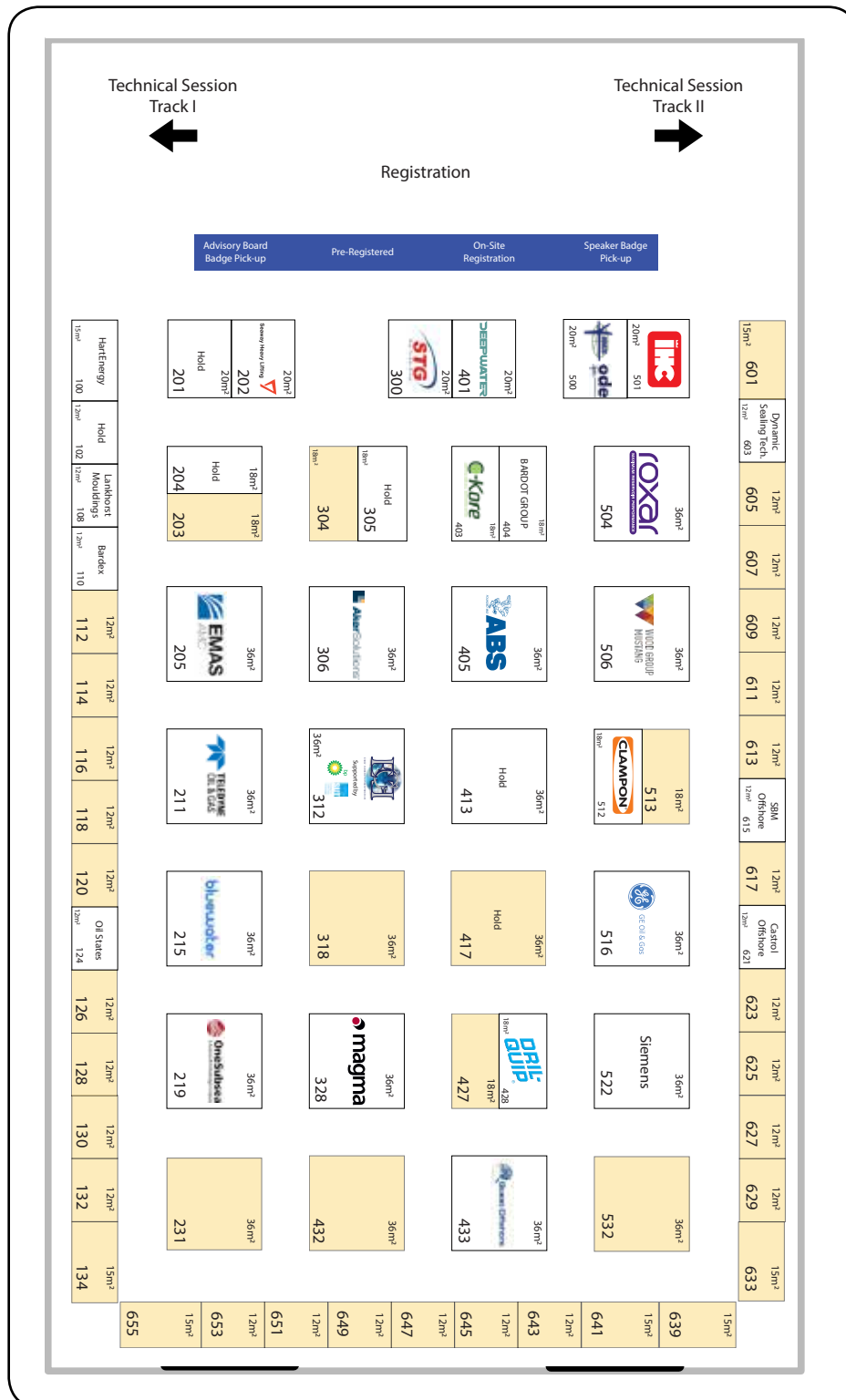


Jan Harald Gramnæs (EMAS AMC), MCEDD Board Member since 2004 graciously accepts ECE Best Technical Content Award from Bob Allwood, President of SUT, on behalf of Stefan Schlömilch

Winner of Best Technical Content

Jens Abrahamsen, Business Manager, Naxys – A GE Company and Stian Bentsen, Commercial Manager, GE Measurement & Control, “The Future of Performance and Condition of Subsea Production Systems”

Exhibition Floor Plan



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Exhibit/Sponsor Opportunities

Exhibition

Space Only

\$350/sqm (minimum 36sqm)
\$440/sqm (under 36sqm)

Shell Scheme Stand

\$440/sqm (minimum 12sqm)

Required Shell Scheme Package = \$1745/12sqm
+ \$115/each additional sqm

Sponsorship

Diamond Level Sponsorships:

Diamond level sponsorships include 20 expo only guest passes plus 50% off conference delegates.

Monday Ice Breaker Reception = \$20,000 **HOLD**

Delegate Registration Bags = \$27,500 **HOLD**

Audience Response System = \$25,000



Lunch Tuesday = \$15,000 **HOLD**

Lunch Wednesday =



Lunch Thursday = \$15,000

Lanyards =



Gold Level Sponsorships:

Gold level sponsorships include 15 expo only guest passes plus 50% off conference delegates.

Exclusive Coffee Break Sponsor =
(Includes 4 Breaks)



General Session Notepad and Pen = \$9,500



Silver Level Sponsorships:

Silver level sponsorship include 10 expo only guest passes plus 50% off conference delegates.

Continental Breakfast Sponsor Wednesday = \$7,500

Continental Breakfast Sponsor Thursday = \$7,500

Conference Technology Sponsor



Associate Level Sponsorships:

Associate level sponsorships include 50% off conference delegates.

Associate Level = \$3,000

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Advertising

Show Program

Back Cover Premium Location = \$2,500

Inside Front Cover Premium Location = \$2,000



Inside Back Cover Premium Location = \$2,000

Interior Show Program Advertising = \$1,250

Panel Advertising

Panel Advertisement = \$1,250

Panel Ad for those advertising in the show program = \$500

Hanging Banners

Hanging Banner Advertisement = \$2,500

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