



**22nd – 24th February 2017**  
**Berlin, Germany**



Leading Business Intelligence Center

# 2nd Annual Global Forum on Maintenance and Asset Integrity Management for the Energy Industry

**Achieving Operational Excellence and Maximum Performance from your Assets by Implementing Effective Maintenance and Asset Integrity Management Strategies to Increase your Production, While Keeping Operational Costs in Check**

Key Learning Benefits:

- Modular flexibility in Asset Operations to ensure performance optimization under and OPEX control scenario
- **Discuss** current challenges and threats revolving the industry
- **Focus** on efficiency improvement strategies and how to optimise processes for increased asset integrity management
- **Understand** How can we as an industry enable a paradigm shift in maintenance and inspection?
- **Improve** your cost efficiency by implementing best practices from key industry experts
- **Explore** the latest trends and emerging technologies
- **Overcome** the hurdles of cost reduction in utilities and impact of low oil prices
- **Discover** the path to opportunities and perform better

## Confirmed Speaker's Committee Includes :



**Bruce Laws**  
 President  
**Maersk Oil**



**Stuart N Smith**  
 Vice President Asset  
 Development  
**Subsea7**



**Holger Kreetz**  
 COO Asset Management  
**Uniper**



**David Talavan Luque**  
 Director Asset Operations &  
 Management  
**EDP**



**Helge Haugland**  
 Vice President Asset  
**Dolphin Drilling**



**Ayssar Hanza**  
 Lead Engineer (Process Safety)  
**BP**



**Tomasz Przybyslawski**  
 Technical Department  
 Director  
**PKN ORLEN**



**Harkat Bouaddi**  
 Head of Maintenance  
**Sonatrach**



**Damon J Hill**  
 Vice President - Capital Projects  
**Amec Foster Wheeler**



**Ahmed Said Kotb**  
 Asset Management  
 Team Leader  
**ADMA-OPCO**



**R.M. Chandima Ratnayake**  
 Professor of Mechanical  
 Structural Engineering and  
 Materials Science  
**University of Stavanger**



**Jan Verstraeten**  
 Vice President - Rental Division  
**Atlas Copco**



**Attila Barath**  
 Head of Group Asset  
 Operation and Maintenance  
**MOL Group**



**Chris Rijdsdijk**  
 Senior Lecturer Maintenance  
 and Reliability  
**Hogeschool Zeeland**



**Zakarya Hiba**  
 Asset Integrity Head  
**Saudi Aramco**



## Business And Networking Dinner :

23rd February 2017, From 19:00 - 22:00

The session will serve as a business-networking platform for the regional and international executives from the world's IOCs, NOCs, Contractor, Regulators and government officials, investment banks, financial advisors, Energy and risk management technology (ERM) solution providers ...and More



08:30 Registration and Morning Coffee

09:00 Opening Address from the Chair

### Current Market Situation and Future Trends

09:10 Opening Address

Major Project Challenges in a Low Price Environment

- Integration and sequencing of surface facilities and subsurface issues.
- Understanding uncertainties - cost, schedule and reserves -management
- Attitude towards probabilistic approaches.
- Fiscal terms and economic decision-making criteria.

**Bruce Laws**  
President  
Maersk Oil

09:50 Case Study

Subsea7's new vessel and technology developments

- Differing approaches to new vessels within an existing fleet
- Vessel capability v flexibility v cost effectiveness
- Pipeline developments
- Pipeline bundles
- Riser systems; the critical link for deepwater projects

**Stuart N Smith**  
Vice President Asset Development  
Subsea7

10:30 Morning Coffee and Networking

11:00 Case Study

The Maintenance in Approach to Operational Excellence

- Maintenance Strategy & Operationalization
- Maintenance Model improvements
- Effectiveness & added value
- Challenges

**Tomasz Przybyslawski**  
Technical Department Director  
PKN ORLEN

11:40 Case Study

# Sponsor Slot

12:20 Lunch

13:30 Coffee and Networking Break

### AIM Optimization to Excellence

14:00 Case Study

Innovation in delivering complex projects in challenging locations

- Innovation in Delivering Complex Projects in Challenging Locations
- Modularisation of World-scale onshore Oil & Gas Facilities - an evolving concept
- Amec Foster Wheeler's journey to achieving excellence in project delivery
- Real-life case studies demonstrating optimized delivery of the modularization concept
- Examples of continuously improving the concepts

**Damon J Hill**  
Vice President - Capital Projects  
Amec Foster Wheeler

14:40 Case Study

Dealing with increased legal & operational restrictions during Construction & Pre-commissioning activities by using smart Specialty Rental Solutions

- Remote monitoring & control of On-shore/offshore facilities
- Autonomous operations, pro-active maintenance

**Jan Verstraeten**  
Vice President - Rental Division  
Atlas Copco

15:30 Afternoon Tea and Networking

### Panel Discussion

16:00 Panel Discussion

How to cope with the industry challenges that we are facing today.

Asset integrity management: How do you know it is effective?

This session is an open discussion, where delegates will be divided into groups, each group will include representatives Power & utilities, NOCs, service providers and the summit's speakers and will get to exchange their thoughts, discuss and ask questions in regards as conclusion of the conference and Next Steps.

17:00 Closing Remarks from the Chair and End of Day One

Business Networking Dinner 19:00 - 22:00



Does your company have solutions or technologies that the conference delegates would benefit from knowing ?

If so, please contact, Sam Cooper Project Director,

Email: [samc@opexgrp.com](mailto:samc@opexgrp.com) and find out more about exhibiting, networking and branding opportunities

08:30 Registration and Morning Coffee

09:00 Opening Address from the Chair

### Opportunities and Risk Management

#### 09:10 Opening Address

**Modular flexibility in Asset Operations to ensure performance optimization under and OPEX control scenario**

- Life cycle in O&M strategy
- Analysis of O&M Chain value
- Critical activities. Outsourcing-Insourcing
- Advantages & Disadvantages
- Tools & Management Practices
- All topics will be focused in a practical approach

**David Talavan Luque**

*Director Asset Operations & Management*  
EDP

#### 09:40 Case Study

**Risk Based Inspection & Fitness for Service (RBI &FFS)**

- How to control risk by re-bundling activities and shutdowns
- How to re-optimize inspection and maintenance intervals
- What are the contingency plans and how to justify budgets?
- Key fundamentals and elements
- The cost optimisation strategies given the current market scenario

**Zakarya Hiba**

*Asset Integrity Head*  
Saudi Aramco

10:30 Morning Coffee and Networking

#### 11:00 Case Study

**"Managing the Unexpected"**

- An awareness programme based on a 3-5 year strategy to promote awareness of MAH
- An improvement to operational effectiveness by reducing the number of non-conformities that occur during platform operations.
- Reinforce the concept that each person plays a role in maintaining safety and any omission or error (even those which appear minor) across the installation and operations as a whole
- A range of principal influencing factors in controlling MAHs (during routine operations)

**Ayssar Hanza**

*Lead Engineer (Process Safety)*  
BP

#### 11:40 Case Study

**How can we as an industry enable a paradigm shift in maintenance and inspection?**

- Design phase: can end user data allow original designer to establish better inspection/maintenance programs for product service life?
- The 24 and 60 month dogma: moving from re-active to pro-active programs
- Rules and regulations: representing show stoppers or opportunities?

**Helge Haugland**

*Vice President Asset*  
Dolphin Drilling

12:20 Lunch

13:30 Coffee and Networking Break

### Latest Developments and Fundamentals in Asset Management

#### 14:00 Case Study

**Risk-based integrity assessment and control**

- Use of Lean Philosophies for Minimization of Operational expenses
- Waste definition in the context of risk-based integrity assessment and control
- Use of value stream mapping and analysis
- Practical Case Study: Potential improvements using lean philosophies

**Prof. R.M. Chandima Ratnayake**

*Professor Department of Mechanical and Structural Engineering  
and Materials Science*  
University of Stavanger

#### 14:40 Case Study

**Fundamentals of Preventive Maintenance of oil and gas equipments**

- Vibration analysis applied to the heavy duty rotating machines
- Analysis of gas turbine FRAME
- Centrifugal compressor BCL

**Harkat Bouaddi**

*Head of Maintenance*  
Sonatrach

#### 15:20 Case Study

**Asset Management System Engineering Implementation and Data Build Up for Effective Asset Management, Maintenance and Cost Control**

- Importance of AMS and objectives of AMS implementation
- Implementation Phases: Importance of pre-implementation phase and main activities included
- Importance of post implementation phase and its requirements
- Implementation approach and implementation stages

**Ahmed Said Kotb**

*Asset Management Team Leader*  
ADMA-OPCO

16:00 Afternoon Tea and Networking

### Panel Discussion

#### 16:30 Discussion

**The importance of risk management for asset integrity and managing major risks**

**Has the persistent approach to "cost-cutting" in the industry threatened the reliability of delivering production with integrity?**

This session is an open discussion, where delegates will be divided into groups, each group will include representatives NOCs, service providers and the summit's speakers and will get to exchange their thoughts, discuss and ask questions in regards as conclusion of the conference and Next Steps.

17:00 Closing Remarks from the Chair and End of Day Two

# 2nd Annual Global Forum on Maintenance and Asset Integrity Management for the Energy Industry

## Registration Form :

PLEASE COMPLETE THIS FORM AND FAX BACK TO +44 203 0311 467

 www.opexgrp.com  registration@opexgrp.com  +44 203 608 3505

International Exhibition : 22nd of February 2017

International Conference : 23rd to 24th February 2017

Business Networking Dinner : 23rd of February 2017

Location : Berlin, Germany

Event Code : OG0464

Venue : Hotel Marriott Berlin

### Conference Fee :

Please indicate your choice (s):

Conference Package	Delegate Fee	Benefits
<input type="checkbox"/> Executive Pack	2495 EUR	- 1 Pass for International Global Exhibition 22nd of February 2017 - Full Access to 2 Days of the Executive conference 23rd-24th of February 2017 - Business Networking dinner - 23rd of February 2017 - Online Documentation ( access to all the conference presentations )
<input type="checkbox"/> Standard Pack	2195 EUR	- Full Access to 2 Days of the Executive conference 23rd-24th of February 2017 - Business Networking dinner - 23rd of February 2017 - Online Documentation ( access to all the conference presentations )

### International Exhibition Fee :

Please indicate your choice (s):

<input type="checkbox"/> Visitor Pass	499 EUR	22nd of February 2017  Access to the International Global Exhibition showcasing latest technology and developments from the industry leaders and experts
<input type="checkbox"/> 2 Visitor Pass	898 EUR	
<input type="checkbox"/> 3 Visitor Pass	1198 EUR	

### Live Streaming/ON DEMAND/DOCUMENTATION

Unable to travel but would like to watch the conference live , ask questions , participate as if you were in the room ? :

	Price
<input type="checkbox"/> Live streaming	€ 999.00
<input type="checkbox"/> On demand ( Available 24 hours after the event )	€ 699.00
<input type="checkbox"/> Access the conference presentations - panel discussing recorded video .	€ 495.00

### Delegate Detail :

Delegate (s) : Mr  Mrs  Ms  Dr  Other

Name :

Email :

Position /Job title :

Name :

Email :

Position /Job title :

Organization :

Country :

Address :

Telephone :

Email :

VAT ID :

Name of person completing form if different from delegate :

Signature :  Date : ...../...../.....

### CONFERENCE DOCUMENTATION

If you cannot make the dates you can still access all of the presentations delivered throughout the conference days with recorded questions and its answers for just 495 € ,

Contact us on +44 203 608 3505

or info@opexgrp.com for more informations .

### OPEXC ENERGY TERMS AND CONDITIONS

#### PAYMENT:

Fees are inclusive of program materials and refreshments. Payment prior to conference is mandatory for attendance.

Your registration will not be confirmed until payment is received and may be subject to cancellation.

Following completion and return of the registration form, full payment is required within 5 days from receipt of invoice.

PLEASE NOTE: payment must be received prior to the conference date. A receipt will be issued on payment.

Due to limited conference space, we advise early registration to avoid disappointment.

We reserve the right to refuse admission if payment is not received on time.

#### CANCELLATION, POSTPONEMENT AND SUBSTITUTION POLICY:

You may substitute delegates at any time by providing reasonable advance notice to OPEXC Energy

For any cancellations received in writing not less than eight (8) days prior to the conference, you will receive a 90% credit to be used at another OPEXC Energy conference which must occur within one year from the date of issuance of such credit. An administration fee of 10% of the contract fee will be retained by OPEXC Energy for all permitted cancellations. No credit will be issued for any cancellations occurring within seven (7) days (inclusive) of the conference.

In the event that OPEXC Energy cancels an event for any reason, you will receive a credit for 100% of the contract fee paid. You may use this

credit for another OPEXC Energy event to be mutually agreed with OPEXC Energy, which must occur within one year from the date of cancellation.

In the event that OPEXC Energy postpones an event for any reason and the delegate is unable or unwilling to attend on the rescheduled date, you will receive a credit for 100% of the contract fee paid. You may use this credit for another OPEXC Energy event to be mutually agreed with OPEXC Energy, which must occur within one year from the date of postponement.

Except as specified above, no credits will be issued for cancellations. There are no refunds given under any circumstances.

OPEXC Energy is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. OPEXC Energy shall assume no liability whatsoever in the event this conference is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, unforeseen occurrence or any other event that renders performance of this conference impracticable, illegal or impossible. For purposes of this clause, a fortuitous event shall include, but not be limited to: war, fire, labour strike, extreme weather or other

#### PROGRAMME CHANGES:

Please note that speakers and topics were confirmed at the time of publishing; however, circumstances beyond the control of the organisers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such, OPEXC Energy reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated on our web page as soon as possible.

#### Data Protection:

OPEXC Energy values your privacy.

Your information is stored in a secure database and access is limited by authorized persons. In addition, we have contracted with selected companies in other countries to provide customer service assistance on our behalf. If you would like to remove your name from these lists, have questions about our privacy practices or need to confirm accuracy of your information, please contact OPEXC Energy at +420 220 580 168 or email [privacy@opexenergy.com](mailto:privacy@opexenergy.com)

**Note : This booking is invalid without a signature.**