

Global Total Maintenance & Asset Integrity Management Summit 2021

2021 SUMMIT KEY FOCUS

- 💧 Digital asset integrity management - Need & challenges
- 💧 Implement digital use cases that promote collaboration
- 💧 Asset information strategy to mitigate risk and manage critical assets throughout their life cycle
- 💧 From predictive to prescriptive maintenance - Monitoring machine health and optimizing production with data & machine learning
- 💧 Application of proactive maintenance techniques with Reliability Centred Maintenance
- 💧 Exploring cost effective & technically sound solutions in Inspections & NDT
- 💧 Ensuring asset integrity & reliability for effective process safety management

28th and 29th
October 2021

Event Venue:

Chelsea Harbour Hotel
Chelsea Harbour Dr,
Fulham, London SW10
0XG, UK

EXPERT SPEAKERS INCLUDING



Mark Benak*
VP Business Industry
Strategy
Uptake



Helge Haugland
Vice President Assets
Dolphin Drilling



Thomas Aas Saethre
Vice President Integrity
Management
Oceaneering



Mir Kazim Ali
Head of Project
Related HSSE Capital
Projects/Investments
OMV



Bjarte Bognes
Senior Advisor
Equinor



Csaba Feher
Head of Maintenance and
Technology
MOL Group



Cromwell Cuvalay
Project Turnaround &
Commissioning Manager
Tata Steel



Michael Whiting
Manager Asset Operations
Wood



Faruq Khalifa
Reliability CoP Champion
Aramco



Lilian Paiva*
Strategy & Development Manager
Elsevier



Fatima-Zahra El Habachi
Global Offer Manager
Schneider Electric



Wicher Pot*
SME Condition
Monitoring Rotating
Equipment Engineer
Shell



Geert Henk Wijnants
Principal Consultant
Stork Group



Sherif Gebaly
Global Subsea Engineering Manager
Saipem



Chris Greenwood
Managing Director
Tan Delta Systems



Ole Evensen
Global Oil & Gas Upstream
Strategy Leader
IBM



Nick Wiley
Managing Director
Armacell



Jaroslav Bahyl
Field & In-House Service
Manager(EMEA)
Regal Beloit Corporation

PARTECIPANTS COMPANIES AND EXHIBITORS



Digital Transformation in Maintenance & Asset Integrity Management



**EXHIBITION
SPACE**



**WORKSHOPS
AND
TRAINING**



**SPEAKING
OPPORTUNITIES**



**ONE
TO
ONE
MEETINGS**



2021 Executive From:

- 💧 Plant & Sites
- 💧 Corrosion Management
- 💧 Inspection
- 💧 Asset Integrity, Maintenance & Reliability Construction
- 💧 Design & Engineering
- 💧 Business development
- 💧 Operations
- 💧 IT Solutions
- 💧 Loss Prevention
- 💧 Risk Management
- 💧 Category Management
- 💧 Strategy & innovation
- 💧 Digital Transformation
- 💧 Engineering
- 💧 Business development
- 💧 Installations
- 💧 Technical Department
- 💧 Digital Procurement
- 💧 Digital asset integrity management
- 💧 Quality Management
- 💧 Digital Transformation
- 💧 Manufacturing & Production
- 💧 Non-Destructive Testing





Registration and Morning Coffee

Chairman's Opening Remarks

DECADE of Integrity Management: New Trends in 2021

09:10 **Opening Address**

Post decade of digitization, DT and intelligent assets, where do we stand?

- Introduction
- Operationalizing Data based predictive maintenance:
- Excelling at front-line operations
- Risk Planning from a digital perspective :
- Why havent we welcomed "Digitization" to its full potential yet?
- Budget constraints and balancing the act
- Highlights

Lilian Paiva*
Strategy & Development
Manager
Elsevier

09:50 **Case Study**

AI, Big Data and Blockchain technologies: What needs to be learned.

- Initiating the thrust and getting ready for 2021 with Data driven analytics and revolutionizing Asset Integrity Management
- Role of AI in Predictive Maintenance Management : Saving billions over the next 15 years (Cost Control Roadmap)
- Conept and future outlook towards developing intelligent reliabilty model

Mark Benak*
VP Business Industry Strategy
Uptake

10:30 Morning Coffee and Networking

11:00 **Session**

AI, Big Data and Blockchain technologies: What needs to be learned.

- Modularization 101 – How do we define this approach
- Subject matter experts (SMEs) evolving platform as data rises to its peak
- Conditioning digital libraries with old school wisdom?
- Better PM decisions to avoid under- or over-maintaining assets.

Ole Evensen
Upstream Strategy Lead
IBM

11:40 **Case Study**

Data and reliability Coordiance:Missing link with smart sensor technology

- Machine monitoring ,live conditioning and data insights
- Practical strategy for managing interfaces
- Connecting data to workflow systems including Computerized Maintenance Management Systems (CMMS) and Enterprise Asset Management (EAM)
- Learning from delievered outcomes and training your current model

Chris Greenwood
Managing Director
Tan Delta Systems

12:20 Lunch Time

13:30 Coffee and Networking Break

14:00 Chairman's Opening Remarks

Operational Excellence: Challenges, Limitations and Breakthroughs

14:00 **Case Study**

Operations Excellence: Lessong learned from decade & avoiding pitfalls

- Facing decreasing margins and slowed growth
- Steps towards reducing incidents of costly unscheduled downtime
- Out of the box mindset: Using multi-disciplinary tools to gain higher understanding from other process-oriented industries
- Tackling older, less efficient units and maximizing operational independence
- Understanding cost structural challenges and way around it.

Bjarte Bognes
Senior Advisor
Equinor

14:40 **Case Study**

How to implement an Asset Integrity Management System.

- Criticality Ranking and Inspection Planning Integration of Corrosion Loops in the inspection process
- Integration of Integrity Operating Windows into the Corrosion/structural integrity
- Conditional Monitoring Systems and feedback loops
- Best Practices

Michael Whitling
Manager Asset Operations
Wood

15:20 Afternoon Tea and Networking

16:00 **Case Study**

HSSE and Capital Investment Planning from Maintenance point of view

- Introductions
- Journey towards excellence
- Practical Examples
- Best Practices

Mir Kazim Ali
Head of Project Related HSSE Capital
Projects/Investments
OMV

16:40 **Open Group Discussion**

This session is an open discussion, where delegates will be divided into groups, each group will include representatives from Power Companies 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.

17:20 **Summary of Day 1**

17:25 **Closing Remarks from the Chair and
End of Day one**



Chairman`s Opening Remarks

ASSET INTEGRITY MANAGEMENT: STEERING INTO 2021

09:10 Opening Address

Digital Transformation within Maintenance Management

- Understanding the shift and adopting to new environment
- DT as a tool towards maintenance Protocol Best Practices and
- Future outlook

Csaba Feher
Head of Maintenance and
Technology
MOL Group

09:50 Case Study

Dealing with ageing assets that are operated beyond originally designed life

- Process safety incidents
- Life extension strategies and right course of action of the ageing assets optimised efficiency and profitability
- Improving operational efficiency of ageing assets in low oil price economy.

Helge Haugland
Vice President Assets
Dolphin Drilling

10:30 Morning Coffee and Networking

Risk Management and Inspection Practices

11:00 Case Study

Risk Based Inspection for ageing equipments

- Flaws or anomalies? What is the expected remaining lifetime of the asset?
- Oil and Gas portfolios: More intelligent assets
- End-to-end life cycle of your enterprise assets
- Best Approach for linear assets, IT assets and fleets -using a single,integrated platform

Geert Henk Wijnants
Principal Consultant
Stork Group

11:40 Case Study

Risk Based Inspection for ageing equipment's

- Redesign of the Operating Model
- Metal loss, cracks, geometric faults and other irregularities, and compile in-depth assessments and fit-for-purpose studies
- Multi-scale and multi-physics modeling as predictive tool to support the integrity assessment of structural components

Thomas Aas Saethre
Vice President Integrity Management
Oceaneering

12:20 Lunch Time

13:30 Coffee and Networking Break

14:00

Modern Take on Reliability and Maintenance Management

14:00 Case Study

Designing systems with built-in Monitoring Capabilities

- Intro,Trends
- Best Practices
- Company perspective and examples

Sherif Gebaly
Global Subsea Engineering
Manager
Saipem

14:40 Case Study

How couplings can provide insight into machine health

- Diagnosis:Challenges faced with conventional methods and identifying typically overlooked areas in equipment maintenance strategies
- Using smart' couplings as a predictive maintenance tool to identify performance deterioration, optimize overhaul schedules, and reduce emissions
- Overview of technology and how online platform can predict fatigue detection on concrete parts and equipments
- Future concepts and best practices!

Jaroslav Bahyl
Field & In-House Service Manager(EMEA)/In-house
Oil & Gas Repair Manager
Regal Beloit Corporation

15:20 Afternoon Tea and Networking

16:00 Case Study

Culture of WHY – How to Start Reliability Culture Movement Saudi Aramco Reliability Club -Bottom-Up Culture ChangeSE leadership tools

- Enhancing Reliability Culture - Company Example
- Creating practical Mechanisms/programs promoting Self Driven Motivation Factors

Faruq Khalifa
Reliability CoP Champion
Aramco

16:40 Open Group Discussion

This session is an open discussion, where delegates will be divided into groups, each group will include representatives from Power Companies 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.

17:10 Summary of Day 2

17:15 Closing Remarks from the Chair and End of Day Two

8TH ANNUAL GLOBAL TOTAL MAINTENANCE & ASSET INTEGRITY MANAGEMENT SUMMIT

REGISTRATION DETAILS

PLEASE COMPLETE THE FORM USING BLOCK CAPITAL LETTERS AND FAX BACK TO +44 203 031 1467 OR VIA EMAIL TO : registration@opexgrp.com

DELEGATE DETAILS

Full Name:

Job Title:

Email:

Direct Tel.:

Full Name:

Job Title:

Email:

Direct Tel.:

Full Name:

Job Title:

Email:

Direct Tel.:

COMPANY DETAILS

Address:

City:Post Code:

Country:

VAT Reg. Number:

Date & Signature:

TERMS & 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 pay-ment 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 OPEX Group

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 OPEX Group 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 OPEX Group 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 OPEX Group 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 OPEX Group event to be mutually agreed with OPEX Group , which must occur within one year from the date of cancellation.

In the event that OPEX Group 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 OPEX Group event to be mutually agreed with OPEX Group , 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.

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✦ Conference Fee

Full PACK	<input type="checkbox"/>	2395 GBP £	<ul style="list-style-type: none"> ● 2 Days of conference ● On Demand (unlimited access to conference HD full recorded video Online) ● Networking Cocktail Reception ● One year Membership full access to OPEX AIM Members area (40+ recorded sessions)
Standard PACK	<input type="checkbox"/>	2195 GBP £	<ul style="list-style-type: none"> ● 2 Days of conference ● Online Documentation (access to all the conference presentations only PDF) ● Networking Cocktail Reception
Live Streaming	<input type="checkbox"/>	995 GBP £	<ul style="list-style-type: none"> ● Attend the conference online in real time and interact with audience online ● On demand (access all conference recorded sessions full HD video and PDF Presentations
OPEX AIM Membership		595 GBP £	<ul style="list-style-type: none"> ● One year Membership full online access to OPEX AIM Members area (40+ recorded sessions)

ACCOMMODATION

HOTEL ACCOMMODATION AND TRAVEL EXPENSES ARE NOT INCLUDED IN THE REGISTRATION FEE.

CONFERENCE CODE:

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