

25+ Speakers 100+ Companies 20+ Case Study

Global Digital Innovation and IoT Forum for Oil & Gas Industry 2020 Amsterdam

01st-02nd December 2020 Amsterdam, Netherlands

BILDERBERG
Garden Hotel
Amsterdam

➔ Don't miss your chance to hear:



Fredrik Tuk
Head of Innovation
Partnering, Commercial &
Innovation



Giacomo Silvestri
Group Digital Strategy,
Innovation & Portfolio
Management



Eva Hornyak
Process Information Expert



Marco Scognamiglio
Data Scientist | TÜV
Functional Safety Engineer



Peter van den Heuvel
Manager PI Center of
Excellence



Mohammad Yasir
Industry Solutions Advisor



Roberto Calandrini
Head of Data Science and
IIoT



Ruben Martinho
Digitalisation Lead



Erlend Fjøsna
Head of Digital Partnering,
Corporate, CDO Core team



Jaco Fok
Chief Innovation &
Digitalization



Alexander Klebanov
Data Scientist



Martin Ruane
Programme Director - Data
Science and Innovation



Mohamed El-Mehalawi
Global Improvement
Leader - Projects Delivery



Sharul A-Rashid
Custodian Engineer,
Instrument and Control



Rohit Patwardhan
Engineering Consultant



Vitaly Elichev
Senior Production
Technologist, Global
Technology and
Innovation

08:30 Registration & morning coffee

09:00 Opening address from the Chair

KEYNOTE ADDRESS

09:10 Robotic process automation (RPA) and full automation: the new era of operational excellence

- Current challenges of integrating robotics and the human workforce
- Strategic adopting of advanced robotics in the oil and gas sector
- Developing safe combinations and integrations between human and robots, cobots
- Building a better oil and gas sector with augmented and virtual reality, robotics and data analysis

Martin Ruane Programme Director - Data Science and Innovation, Engie

09:50 Delivering business value by adapting digitalization techniques in MOL PLC

- Digital ambassador program of Danube Refinery
- Roadmap for Industry 4.0 – challenges and solutions
- Bring digital vision into reality by using OSIsoft Plant Information system
- Identification of hidden resources through digital assets

Eva Hornyak Process Information Expert, Mol Group

10:30 Coffee Break – Ice-breaking session

11:00 Utilizing AR, VR, 3D visualization and drones for assembly and inspections in the O&G sector

- Can actually AR, VR and drones be helpful in the O&G world?
- How accurate is data from 3D visualization when it comes to inspections
- Overcoming the technical challenges and regulatory restrictions via AR and VR
- Learning from the lessons of applications of robotic technology

Sharul A-Rashid Custodian Engineer, Instrument and Control, Petronas

11:40 Discovering efficient IoT (Internet of Things) security methods for detecting and locking down potential cyber threats

- Selecting technologies that can enable companies to react rapidly to cyber threats
- Equipping workplaces and training employees to deal with cyber threats and data breaches on time
- Protecting your legacy systems and operations against cyber-attacks
- Battling the complexity of the threat landscape due to rising digitization IIoT (Industrial Internet of Things)

Mohamed El-Mehalawi Global Improvement Leader – Projects Delivery, Dow

12:20 Lunch

13:20 Humanizing IoT whilst changing the culture of employees

- Understanding and undertaking a total digital revolution as one team
- What cultural and organizational changes are needed?
- Making digital innovation a priority for senior executives
- Attracting new talents in parallel of digital transformation and upgrading existing workplace

Peter van den Heuvel Manager PI Center of Excellence, Shell

14:00 Keeping up with the evolution of maintenance 4.0 strategies

- Moving from predictive to mobile prescriptive maintenance with AR
- Connecting virtual and real processes together in O&G sector
- Combining maintenance analytics with IoT during digital transformation
- Predictive maintenance versus risk-based maintenance

Erlend Fjøsna Head of Digital Partnering, Corporate, CDO Core team, Technip

14:40 Coffee & Networking Break

15:10 Creating global partnerships and communications in the O&G for the digital transformation

- How will technology evolve in the next 10 – 15 years?
- Discovering new business models and innovation
- Transform your company today, tomorrow will be late
- Analyzing lessons learned from early adopters

Roberto Calandrini Head of Data Science and IIoT, Snam

15:50 Boosting the evolution of Oil and Gas IoT connectivity

- New connections and new possibilities for the O&G sector
- Measuring the Future of IoT in the O&G sector
- Accelerating the oil and gas industry's journey to the Industrial Internet of Things
- Using the IIoT to connect assets, people and processes

Mohammad Yasir Industry Solutions Advisor, Halliburton

ROUND TABLE DISCUSSION

16:30 All in: What do you need to maximize your chances of success in the digital and IoT journeys?

- Establishing leadership strategies for preparation in digital transformation

16:50 End of Day One – Closing word from the Chairman

08:30 Registration & morning coffee

OPENING ADDRESS

09:10 Data as a new business and digital booster for the O&G sector

- Using Big Data to boost oil and gas industry
- Building up data driven strategies and new business models
- Creating a data-driven culture for internal processes
- Drilling for data: digitizing upstream oil and gas

Fredrik Tuk Head of Innovation Partnering, Commercial & Innovation, Maersk Drilling

09:50 Using IoT and the cloud to improve your processes forwards

- Implementing the right cloud strategy to store your data and reduce your costs
- Analyzing IoT real cases that are increasing operations for the O&G sector
- Looking ahead: recommendations for a successful IoT strategy
- Establishing business partnerships that are critical to successful IoT deployments

Giacomo Silvestri Group Digital Strategy, Innovation & Portfolio Management, Eni

10:30 Coffee Break – Ice-breaking session

11:00 7. Applying AI (Artificial Intelligence) and ML (Machine Learning) to the work streams where you have the most data

- Training your employees to use AI effectively and efficiently
- Implementing ML for advanced process control and existing operations
- Predicting the future of Big Data, data Science and AI in the O&G sector
- Does AI seem to create more jobs than it destroys?

Marco Scognamiglio Data Scientist | TÜV Functional Safety Engineer, Saipem

11:40 Increasing visibility into complex operations to control costs and to optimize the performance of facilities and assets

- Gaining an increased visibility into complex operations via IoT and digital innovation
- Optimizing production and reducing economic, environment, health, and safety risks
- Improving collaboration with oilfield services to upgrade logistics
- Making the connection between improved asset management and execution excellence

Rohit Patwardhan Engineering Consultant, Aramco

12:20 Lunch

13:20 Rethinking strategies and communications in the Oil & Gas industry

- Moving towards the strategic planning for the Oil and Gas Industry
- Providing more tailored development for key employees to support them during digital transformation
- Building out your own digital talent strategy
- Defining digital skills and capabilities of employees

Ruben Martinho Digitalisation Lead, Equinor

14:00 Unlocking success in your digital innovation journey

- An overview of the opportunity that digital presents for the O&G sector
- Combining digital innovation within the O&G business model
- Adopting digital technology through an agile and design thinking approach
- What oil and gas can learn from other industries when it comes to the digital innovation and IoT?

Jaco Fok Chief Innovation & Digitalization, OMV Petrom

14:40 Coffee & Networking Break

15:10 Converging digitalization and the human element in digital change

- Creating an efficient digital environment for new technologies implementation
- Empowering digital thinking from the senior till junior representatives
- Investing equally in human capital and digital innovation
- Balancing existing workplace with the technological implementations

Alexander Klebanov Data Scientist, Chesapeake

ROUND TABLE DISCUSSION

15:50 Improving operational efficiency and reliability via digital tools and strategies

- Optimizing E&P reliability through an effective digital innovation strategy
- Avoiding unexpected failures by early detection of equipment failure via digital tools
- Driving operational excellence through digital innovation

16:50 Closing word from the Chairman and End of the Conference



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Omar Saakr - Project Manager

Tel.: +420 777 119 649

E-mail: omar.saakr@prima-eventi.com

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Surname: _____
Job Title: _____
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Surname: _____
Job Title: _____
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