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Attendees

 15300M²
Exhibition Space

 570
Exhibitors

 +850
Delegates

 +125
Speakers

 40
Countries

CALL FOR PAPERS NAPEC 2019

The NAPEC Conference will feature over 24+ sessions across 12 categories and over 100 industry expert speakers and representatives from both the regional and international oil and gas community, providing the unique opportunity to gain insights into the industry's entire value chain and to engage with your peers.

CALL FOR PAPERS SUBMISSIONS DEADLINE: MONDAY 15 OCTOBER 2018

The three-day conference will deliver high quality of knowledge and experience, and will bring together international experts and decision makers from NOCs, IOCs, integrated energy companies, and technology providers, to connect with the fast-evolving hydrocarbons and energy industry value chain and companies driving North Africa's industry future.

The following main topics will be covered during NAPEC 2019 from 10 –12 March 2019 at Oran Convention Center (CCO), Algeria.

Important Dates

Call for Abstracts Opens

20 July 2018

Abstracts Submission deadline

15 October 2018

Conference

10 – 12 March 2019



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— STRATEGIC SESSION'S TOPICS

STRATEGIC TRENDS AND INSIGHTS IN OIL AND GAS INDUSTRY

Algeria and North Africa countries Strategy to develop Exploration and Production Onshore/Offshore Investment Opportunities. What policy frameworks do we need to facilitate this development?

North Africans NOCs: What business models best fit with the new oil and gas trends?

IOCs O&G Investments Strategy in North Africa - Potentials and Opportunities

NOCs Strategy for Hydrocarbon Reserves Renewal : Sharing experience with Partners to achieve this goal

E&P Cost Reduction and Efficiency Operation - Partnership sharing Experience and knowledge

Digitalization transformation in the E&P lifecycle - Involvement of North African countries

How has the oil price downturn impacted the business models of oilfield service companies (OFS)? How Digitalisation Innovations will maintain their competitive edge?

Road Map for Shale Oil/Gas in North Africa region - Cross Country Analysis

New technologies for Unconventional Resources for more efficiency operation and less environment impact

Oil Price Market Trends : Impact on North Africa countries

LNG and Gas Market trends: Impacts on North Africa countries and Mediterranean region

LNG and Gas Technologies Advances: A key factor for North Africa countries to remain competitive

Oil & Gas pipelines market: Opportunities in North Africa and Mediterranean region

New technologies for EPC project cost saving

Refining and Petrochemicals Investments : New Strategy for Capital Gain and promising alternative for partnership

QHSE- define Strategy and evaluate Cost to Meet a new Environment Regulation Requirements

Energy Policies & Regulatory Frameworks Evolution Impact on North Africa Countries

Energy Mix Model - Renewable Energy in North Africa: Current Situation and Prospects

Long term Gas supply management for Power Generation

North Africa digital energy revolution: What will be the industrial implications?

Oil and Gas Industry Management : Added value from Analytics Applications Advances

Energy transition Strategy implementation: Potential, Technical, Financial capacities, and Management capability.

Integrating Renewable into O&G Companies Business Model – from Petroleum Company to Energy Company

Local Content- Integration in Petroleum Industry and Country Value

Energy policies and regulatory frameworks evolution impact on North African Countries.

— TECHNICAL SESSION'S TOPICS:

UPSTREAM SESSION'S TOPICS

1. EXPLORATION & PRODUCTION- GEOSCIENCES- (GEP)

North Africa Basin Analysis and Modelling; Source to Migration to entrapment

Advances knowledge in North Africa mature basins.

New Exploration Plays (Subtle Traps, Deep Plays, recent discovery in new play)

Advances in Seismic Imaging: effective data Acquisition, processing and modelling for Vertical Resolution Enhancement

Reservoir Modelling : Faults and Fracture Characterisation, Fault Seal Analysis/DFN Modelling

Advances in Seismic Inversion for Reservoir Characterisation

Reservoir properties Characterisation: SCAL , RRT, Core Integration, PNM , DPR

Advances in Petrophysics Analysis and Formation Evaluation

Open Hole and Cased Hole Logging

Petro physics of Naturally-Fractured Reservoirs

Advancement in Real-Time Formation Evaluation : Case Studies

Emerging Logging Technologies and Interpretation Methods

Integration of Magnetic Resonance (CMR- combinable/NMR- Nuclear) Logs

Advances in Dynamic Formation Evaluation

Uncertainty Assessment and Risk Management : Role of Geosciences for better Decisions

Geostatistics and Static Modelling

Data-Driven Analytics; Applications in G&G

New Technology Application in Exploration : Case Studies with Minimum Environment Impacts

R&D: Geosciences Technology Development and Deployment.

2. UNCONVENTIONAL OIL AND GAS RESOURCES

Shale Gas Potential: An Opportunity for North Africa countries?

Alternative Fluids for Hydraulic Fracturing

Fracking Techniques, Plug and Perf and Compartmentalisation

Unconventional Gas Exploration test in North Africa

Unconventional Resource Assessment: Methods to Estimate Gas Volumes in Place and Ultimate Recovery

Geomechanics, Horizontal Drilling and Hydraulic Fracturing in Shale Gas Plays

Advances in Understanding of Shale Gas Transport, Recovery Enhancement, and Simulation Modelling

Geological and Geophysical Characterisation of shale gas and oil.

Petro physical Characterisation

Technical and Operational Challenges of Tight Gas and Oil and Shale Gas and Oil

3. OIL AND GAS FIELDS DEVELOPMENT (OGFD)

Developments Strategies: Marginal Fields, Complex Reservoirs,

Field Development–Uncertainty Analysis

Development Plan Optimisation of the Reserves and Project Economics

Brown Fields Optimization/Revitalisation, Redevelopment, and Field Ends Life Planning

Innovative technologies for green field, brown fields Solutions Management

Advances technologies in Oil field Services - Operation Efficiency and cost saving

Enhanced oil recovery (EOR) - Achieving Exceptional Recovery–Case Studies

EOR Project Screening and Planning of Pilot EOR Projects

EOR Mechanisms and Low Salinity Modelling, Impact on Displacement Efficiency

Gas Injection and Production/Process Optimisation

Maximising Production–Downtime Management and Well Utilisation

Reservoir Modelling, Simulation, and History Matching - best practice

Artificial Lift Technology and Applications

Well Testing and Production Logging

Smart and Digital Oilfields: improving operational capabilities of assets – case studies

Downhole Sensing, Flow Monitoring and Control

Advances in Rigless Well Intervention

Extending the Economic Life of Mature Fields

Reservoir Life Cycle Management

New Onshore / Offshore Technologies

Data-Driven Analytics; Applications in Reservoir Engineering

QHSE : Case studies on Environmental foot print and advanced solution

4. DRILLING TECHNOLOGIES AND COMPLETION PRODUCTION OPTIMIZATION / COST REDUCTION (DTC)

Innovation in Digital Drilling Technologies : case studies

Onshore Well Construction: Drilling, Completion, and Stimulation

Intelligence completions: design, implementation and performance

Drilling fluids: technology, environment, performance enhancement

Rig and Equipment Integrity Management-Best Practices

Advanced Drilling Techniques to Develop Gas Resources

Drilling and down hole: technology for production optimization, cost reduction

Onshore well stimulation: hydraulic fracking technology and operations

Artificial lift innovation and technologies

International practices for site restoration and abandonment of old wells.

DOWNSTREAM SESSION'S TOPICS

5. GAS PROCESSING, TRANSPORTATION & UTILIZATION: (GPTU)

Gas Technology Innovations: Processing, Production, Transportation, Storage and safety

Gas Pipelines Challenges, Advances and Technologies

CNG (Compressed Natural Gas) - GTL (Gas to Liquids) - DME (Di-Methyl Ether)

Gas conversion into energy vectors: Methanol, DME

Gas to Power Engineering and Technology

New innovation and technologies in gas utilization

Associated Gas Management - Sour Gas Management - Gas Hydrates

Process Engineering: Innovation and Technology

Operation, Maintenance and Reliability

Gas, GTL and LNG Storage: Onshore / offshore

Ship Design and Built, Engineering and New Innovations

Innovation in safety operation and equipments.

6. ADVANCES IN LNG PROCESSING (ALNGP)

New technologies deployed for LNG

Floating LNG Concept (FSRU's & LNG FPSO), Engineering, Technology and Marine Operation

Small Scales LNG, Design, infrastructure and Marine

LNG Shipping Challenges, innovation and Technologies

LNG Storage facilities and Re-gasification –LNG as Fuel

QHSE Process on LNG Plants and ships

7. REFINING AND PETROCHEMICALS OPERATION OPTIMIZATION (RPOO)

Refining technology and processing developments: catalytic and thermal cracking

Refining and petrochemical integration and feedstock maximisation

Fuels and lubes product integrity, standards and legislations

Hydrocracker reaction and fractionation units, delayed coking units, contaminants removal, alkylation and polymerisation, isomerisation

Successful project execution: EPC and Management, cost optimisation

Mitigating challenges during commissioning and start up operations

Processing transportation and infrastructure

Catalyst Technologies & Application

Refinery Well Planned Turnaround & Maintenance

Refining Process Optimization

Clean Fuels, Reliability & Asset Integrity

Extended Petrochemicals Industry Supply Chain Management - Digital Solutions

Safety Management : Fuels distribution- efficiency, safety and security

Petrochemical and refining integration, supply chain management and feedstock allocation, diversification

MIDSTREAM SESSION'S TOPICS

8. PIPELINE TECHNOLOGY- MANAGMENT AND OPERATION OPTIMIZATION (PTMC)

Pipeline Operation and maintenance

Pipeline Safety Management System

Pipeline construction drivers, corrosion cost engineering issues

Asset integrity management

Oil & Gas Pipeline Design, Maintenance, Inspection, Repair and Rehabilitation

Advancements in pipeline technologies: improve planning, construction and operation

Innovation in GIS and planning pipeline routes technologies

Sophisticated coatings that protect pipelines

Load moment indicators used to keep pipeline workers safe

Geohazard Management Program works to avoid Natural risks

Technologies for tiny leaks detection

Sophisticated technologies for underground pipeline Supervising and Control.

Advances in Analytics Applications for Midstream Activities

ENVIRONMENTAL SESSION'S TOPICS

9. MINIMUM EMISSION - MINIMUM ENVIRONMENTAL FOOTPRINT - LNG AND INDUSTRY SHIPPING

New Approaches for Environmental Impact Assessment and Management

Effective Concepts for Occupational Health Management

Integrating Asset Integrity and HSE Management

Best Practices in Gas Flaring and Emission Reduction

Major Accidents Prevention and Lessons Learnt

Innovation in Environmental Protection

Energy Efficiency - Reducing Environmental Foot Print

Waste water management & reuse

Managing the Asset Integrity Risks Associated with CO2 and H2S

New Technologies for Emissions Reduction - Trends in Carbon Intensity Reduction

Carbon Pricing and regulatory frame work

Minimising Environmental Footprint

Human Factors in HSE Performance

Promoting Safety Culture: Change in Mindset

GAS EMISSIONS – FLARING

O&G DIGITAL TRANSFORMATION : SESSION'S TOPICS

10. DIGITALISATION AND CYBER SECURITY IN OIL AND GAS INDUSTRY (DSOGI)

Industry Digitalisation

Cyber Security : Protecting oil and gas facilities

Data Analytics and Big Data for Digital Transformation

Industrial internet of things (IIOT)

Smart Operations and Knowledge Management

Advances in predictive analytics techniques and data handling technologies

Smart, connected assets, devices and wireless technologies

Cloud engineering and virtual technology validation

Digital plants, integrated hardware, software, monitoring and predictive analytics

ENERGETIC TRANSITION SESSION'S TOPICS

11. ENERGY MIX MODEL: FOSSIL ENERGY AND RENEWABLE ENERGY (FE&RE)

Manufacturing renewable in North Africa Countries– potential and benefits.

Forecasting North Africa Renewable project.

North Africa Energy Renewable Outlook

Financing Renewable projects – New Models

Renewable testing and standardizing to support regional Renewable projects

Smart Power Projects-Smart Lightning Projects

Alternate energy Storage and transportation

Hydrogen as the enabler of large scale development of renewable energy.

12. POWER GENERATION AND DISTRIBUTION: TECHNOLOGY AND OPERATIONS (PGDTO)

Digital transformation impact in power generation and distribution

Re gasification, Transmission and Distribution and Power Generation

Plant upgrades, refurbishment, manufacturing and equipment

Power plant fuel supply

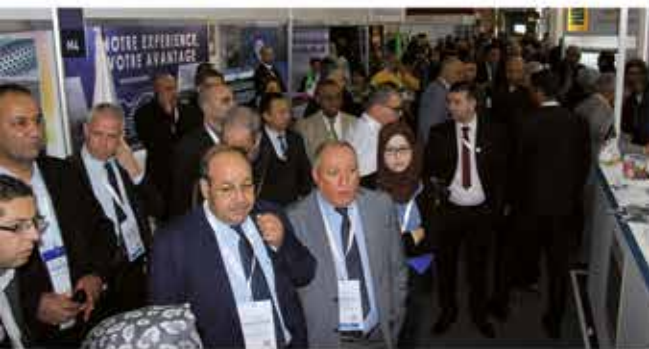
Gas turbine technology

9th Edition

NORTH AFRICA PETROLEUM EXHIBITION & CONFERENCE

10th to 13th March 2019 At Oran Conventions Center Algeria

NAPEC is the largest oil and gas exhibition & conference in Africa focusing on the north Africa Market. dedicated to the Upstream, Midstream and Downstream activities.



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Oran will host 2021 Mediterranean Games

