

Conference Highlights

Global Market Trends, Challenges and Key Drivers

Updates from Major Projects in the Region – SABIC, KNPC, YASREF, ORPIC, BAPCO, ENOC

Factors Shaping the Future of Refinery and Petrochemicals Integration

Successfully Implementing Optimisation and Management Tools

Latest Developments in Petrochemical and Refining Technologies

Clean Fuels Technologies and Latest Catalyst Innovations

The Meeting Place for the Middle East Downstream Industry Conference and Exhibition



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SPEAKERS



Special Feature:
Honeywell UOP Pre-Conference Workshop
21 February 2017





Welcome to ME-TECH 2017



Now in its seventh year, ME-TECH is a well-respected and established event for the refining and petrochemicals sectors, bringing together producers and service providers to share and discuss the very latest industry trends, technology developments and key projects in these sectors.

Since its inception in 2011, the conference has proved to be an essential meeting place for the Middle East downstream industry and an excellent platform to keep up-to-date with developments in this important region.

ME-TECH 2017 includes technology and project-related presentations as well as ample opportunity for high quality networking and has consistently attracted a distinguished panel of expert speakers.

The plenary sessions will focus on the future outlook for the industry, best strategies to ensure competitiveness, as well as showcasing new and exciting projects from across the region.

Increased refinery and petrochemicals integration will once again be an important topic of discussion during the conference and the event will also include exchanges on breakthrough and evolving technologies and optimisation solutions.

We look forward to welcoming you to ME-TECH 2017.

Colin Chapman

President, Euro Petroleum Consultants

What people say about ME-TECH:



Excellent event focused on key and recent issues concerning R&P integration. Invited

excellent pool of presenters talking about current regional mega-projects/programmes that will re-shape the future of the industry regionally and eventually globally. Thanks to EPC for their outstanding achievements.

Deputy Chief Executive Officer, KNPC

The conference was well organised with top level and high quality papers and speakers with well selected and relevant topics and subjects.

COO, TAKREER

Excellent networking and knowledge exchange.

Chief Executive Officer, KUWAIT AROMATICS

ME-TECH is becoming a must-attend platform, mainly due to the high rate of change that we are currently experiencing in our industry. In addition to excellent networking opportunities, you leave the conference with many good observations and ideas that enhance your job prospective.

VP Chevron Global Technology Services, CHEVRON

EPC once again managed to attract industry leaders and excellent speakers for this event. ME-TECH 2016 was a success with plenty of networking in addition. Thank you!

Managing Director, ILF CONSULTING ENGINEERS

Fascinating event, overwhelmed by the response from some of the major refining and petrochemicals giants in the region presenting the technologies and road maps they have adopted. Great two days with some of the industry's best.

Regional Business Manager, PAS



Workshop Day - 21 February

Welcome to the Future. We Connect You to Innovation

13:00 – 18:00

Today's industry is defined by rapid changes in product demand, feedstocks and pricing. Honeywell UOP can connect you to innovations in process technology to help you be more competitive and profitable, and meet the changing social needs.

HOSTED BY
Honeywell
uop

Honeywell UOP invites you to join the ME-TECH 2017 Pre-Conference Workshop.

Technical sessions will cover a range of topics designed to address your needs, including:

- Producing olefins through new feedstock sources
- Using unconventional feedstocks to meet new global demand for high-value products
- Combining advanced control systems with innovative process technology
- Modular refining solutions to reduce costs and shorten schedules
- Naphtha as the key to refining and petrochemical integration, and the latest developments in aromatics technology
- And much more

The workshop is open to oil refining, natural gas and petrochemicals operators. It will focus on the critical technology and industry developments that matter most to you.

To register your attendance, please email office@europetro-me.com



Marketing Opportunities at ME-TECH

Stand Out from the Crowd

Our events have a proven track record in delivering value to our clients through sponsorship. ME-TECH 2017 offers a number of opportunities for your company to demonstrate your expertise and drive sales:

Sponsoring

We offer two types of Sponsorship packages: Branding Packages and Hospitality/Networking Packages. Whether you chose to have your logo on the Conference Event Guide, Lanyards or Notebooks or prefer to host a Welcome Reception, Coffee Break or Lunch at the event, becoming a Sponsor will give you a high profile before and during the event, as well as a number of tailor-made benefits including extra delegate places, complimentary advertising and exhibition space.

Please contact us at office@europetro-me.com for further details.

Exhibiting

This package includes up to 3m width of space, a complimentary delegate place, table & chairs and electricity points. The exhibition takes place next to the conference hall and all coffee breaks take place in this area, guaranteeing a steady stream of potential customers around your stand. Our clients find that the increased visibility they achieve from exhibiting enables them to meet more customers than by attending alone.

Advertising

An advertisement in the Event Guide increases your brand recognition. It is an excellent tool for promoting your products & services. You will have the added bonus of your advertisement appearing on the conference mobile app.



About the Organiser



Euro Petroleum Consultants

**SHARING KNOWLEDGE,
SHAPING BUSINESS**

View our full portfolio:

www.europetro.com

Contact us at:

consulting@europetro.com

Euro Petroleum Consultants (EPC) is a leading independent consulting company for the downstream Oil, Gas & Petrochemical sectors.

Our mission is to act as Client Project Engineer (CPE) providing expertise, advice and support during all stages of project development, including Feasibility Studies, Masterplans, Technology Selection, PMC Services, Start-Up Support and Operations Management.

We also act as Consultant to major Banks to provide technical supervision for the projects they have financed.

EPC has over 20 years of consulting experience spanning all regions; Russia & CIS, Caspian region, Middle East, Europe and Africa.

RECENT PROJECTS:

- LUKOIL NNOS - FCC & HF Alkylation Complex (PMC)
- FORTEINVEST – Refinery Expansion (Technical advisor)
- AFIPSKY REFINERY - Technical Consultant to Bank for Major Refinery Upgrade Project
- SOCAR - Urea Complex & Polypropylene Project (PMC)
- MOZYR REFINERY – Octane Complex (PMC)
- SALAVATNEFTEORGSIINTEZ - Technical Consultant, Acrylic Acid Project
- SONARA CAMEROON – Refinery Expansion (PMC)

supporters and media partners



08:00 REGISTRATION & WELCOME COFFEE SPONSORED BY 

09:00 PLENARY SESSION – MARKETS AND MAJOR PROJECTS

OPENING REMARKS – EURO PETROLEUM CONSULTANTS

Trends in Refining

- Future outlook – opportunities and challenges

Raheel Shafi, Senior Consultant, NEXANT

Trends in Petrochemicals

- Factors impacting current & future demand

Sanjay Sharma, Vice President, IHS MARKIT

The Role of Refinery Petrochemicals Integration in Borouge Growth Strategy

Ahmed O. Abdulla, CEO, BOROUGE

Clean Fuels Projects - Challenges, Potential & Future Outlook: An Owner's Perspective

- Developing the performance of the two refineries
- Enhancing safety & operational reliability

Nadia Bader Hajji Yousef, Manager Technical Services, KNPC

Crude Oil to Chemicals as Future Platform

- Latest on direct Oil-to-Chemicals
- Use of crude oil as petrochemical feedstock – positive impact on GHG emissions

Fuad Mohammed Mosa, General Manager, Global Technology Management, SABIC

10:30 COFFEE & NETWORKING BREAK
SPONSORED BY 

11:00 PLENARY SESSION – REFINING PETROCHEMICALS INTEGRATION

Fully Integrated & Outsourced Refinery Hydrogen System: YASREF Experience

- YASREF refinery project
- Outsourcing of integrated hydrogen system

Mahmoud Mohammed Abdallah, Process Engineer, YASREF

Alexander Benöhr, Director - Marketing & Strategy, AIR LIQUIDE

More Value through Petrochemical Integration

- What can refining & petrochemical integration offer?
- Integration opportunities

Mike Millard, Vice President & General Manager of Process, Technologies & Equipment Business, HONEYWELL UOP

ExxonMobil Catalysts & Licensing Technology Overview

- Portfolio of advantaged technologies
- Technology leadership and operating experience
- Crude to Chemicals integration

Mark Healey, Global Sales Manager, Chemical Technologies, EXXONMOBIL

High-performance Project Execution: Key Lessons from the Industry's Best Executed Projects

- Formulating the project execution philosophy
- Importance of collaboration between all parties, including the owner team, licensor, PMC, FEED & EPC contractors
- Value of good project definition, scenarios evaluation, smart configuration & technology selection

Süleyman Özmen, Vice President, Refining and Chemical Licensing, SHELL GLOBAL SOLUTIONS

12:30 BUFFET LUNCHEON SPONSORED BY 

Refining Stream

13:45 SESSION ONE - FOCUS ON CLEAN FUELS

Marpol 2020 - Industry Response to the New Sulphur Limit

- Will marine fuels shift to 0.5 wt% sulphur marine gas oil or another fuel?
- How much investment & how to avoid stranded capital?
- Ship owners uncertainty – fuel availability & costs to comply?

Peter Boulter, Director, JACOBS CONSULTANCY

Boosting Profitability through Advanced Solutions in Catalytic Reforming

- Update latest catalyst developments
- Feedstock optimisation

Xavier Decoodt, Reforming & Hydrogenation Manager, AXENS

IsoTherming® Hydroprocessing Technology for Grassroots and Revamp Applications

- Principles & advantages of IsoTherming® technology compared to conventional process
- Various options for revamp applications
- Revamp case study utilizing the IsoTherming® Technology

Matthew Clingerman, Regional Engineering Manager, DUPONT

15:15 COFFEE & NETWORKING BREAK
SPONSORED BY 

15:45 SESSION TWO - FOCUS ON CLEAN FUELS

Global Refinery and Market Trends: Impact on the Company Strategic View

- KPI major projects
- Strategic initiatives

Wael Salmeen, Manufacturing Advisor – Europe, KUWAIT PETROLEUM INTERNATIONAL (KPI)

BenzOUT™: A Cost Effective Process for Benzene Reduction in Gasoline

- Optimising Benzene reduction in gasoline
- Avoiding octane loss & increased hydrogen consumption
- BenzOUT™ Options: grassroots unit or retrofitted into an existing facility

Terry Helton, Licensing Manager, EXXONMOBIL

Sulfur, Octane and Petrochemicals

- Getting the highest value from Fluid Catalytic Cracking (FCC) unit products
- GT-BTX Plus® technology
- Reduce sulfur, preserve octane value & produce petrochemicals

Sachin Joshi, Licensing Manager, GTC TECHNOLOGY

Petrochemicals Stream

13.45 SESSION ONE - MARKETS & FEEDSTOCKS

Direct Oil & Gas to Ethylene: The Search for the Holy Grail

- Technologies for direct production of olefins from crude oil & natural gas
- Comparisons between the different technologies

Richard Charlesworth, Managing Director Chemicals Consulting, IHS MARKIT

Moving towards Alternative Feedstocks: Strategic Investments & Future Process Technology Configurations

- Capacity expansion and upgrading
- Complexity reconfiguration
- Integration of business & feed-stocks (with cheap ethane)

Shailendra Mohite, Senior Engineer-Stakeholder Management, KUWAIT PETROLEUM INTERNATIONAL (KPI)

Methanol to Olefins – The Profitable Path to Monetize Gas

- Overview of the Methanol-to-Olefins (MTO) process
- Commercialization history of Methanol-to-Olefins (MTO) process and current status

Geoffrey Fichtl, Product Line Manager, HONEYWELL UOP

15.45 SESSION TWO - OLEFINS & OLEFIN DERIVATIVES

Olefins Production - Feedstock Strategies at Current Macro-Economic Setting

- Liquid feedstock advantages at low crude prices - myth or reality
- Alternative routes - shale gas, methanol and methane
- Competitive position and projects

Valentin Kotlomin, Director - Strategic Studies & Downstream Economics, EURO PETROLEUM CONSULTANTS

Optimization of Ethylene Furnace Efficiency by Advanced Combustion Control

- Developing combustion systems to deliver heat flux profiles optimized for efficiency & run length while minimizing NOx emissions.
- The application of modern computational & physical testing techniques to engineer the flame structure and chemistry in modern ethylene flames

Jim Deller, Director, UOP Callidus Burner Business, HONEYWELL UOP

Methanol: Achieving Global Energy & Environmental Security

- Chemical feedstock & clean-energy source
- Energy security goals & protect public health through power-generation and clean cooking applications
- Current/future IMO maritime emission-reduction targets

Dom LaVigne, Director of Government & Public Affairs, METHANOL INSTITUTE

08:00 REGISTRATION & WELCOME COFFEE

09:00 PLENARY SESSION - SUCCESSFUL PROJECTS: IMPLEMENTATION STRATEGIES, OPTIMISATION & ACHIEVING BEST IN CLASS

Meeting the Challenges for Project Implementation

- Overcoming project risks & achieving project goals
- Project success - importance of project definition
- Looking at alternative solutions

Stefan Chapman, Vice President, EURO PETROLEUM CONSULTANTS

Update on Orpic's Liwa Plastics Industries Complex Project

- Developing a best-in-class polymers project in Oman
- Achievements, next steps and milestones

Henk Pauw, General Manager - Liwa Plastics Industries Complex, ORPIC

Optimising the Governance Process for Technical Assurance in Major Projects

- Governance mechanism as critical factor that determines the success of major projects
- Defining a 'fit for purpose' governance model
- Case study in the oil and gas processing industry

Hari Kumar, Director - EHS Compliance, ENOC

11:00 - PLENARY SESSION - OPTIMISATION MANAGEMENT

Optimization Demystified

- Options to achieve optimization
- Maintain safety & environmental compliance
- Tools & objectives - examples & benefits

Luc Geerts, Senior Director Consulting Solutions, SCHNEIDER ELECTRIC

How can Operating Teams Push Processes to their Optimal Limits while Maximizing Safety and Minimizing Environmental Impact?

- Use of optimal displays on control board
- Importance of tracking and controlling boundaries
- New technologies & methods for aggregating, analyzing, depicting and controlling boundary information to increase operator awareness

Rida Elhajj, Sales Director, PAS

Bridging the 'Technology - End User' Gap

- No one will look after your business like you do
- The benefits of early collaboration between the technology provider and end user
- Successfully implementing your optimization and management tools

Ashwath Mohandas, Senior Engineer Technical Services - Planning, BAPCO

Asset Reliability and Maintenance Excellence

- Asset reliability & maintenance best practices at Orpic
- Reliability through plant turnarounds

Tariq Mirza - General Manager - Maintenance, ORPIC

12:30 BUFFET LUNCHEON

Refining Stream

13:30 SESSION THREE - RESIDUE UPGRADING PART ONE

Maximized Hydrogen Recovery using Optimized Refinery Offgas Purification Technologies

- PSa and membrane processes
- PSa revamping options

Jonathan Kraus, Head of Sales - Adsorption, AIR LIQUIDE

Latest Developments in Delayed Coking

- How delayed coking can compete with emerging technologies by integrating it with solvent deasphalting?
- New opportunities for delayed coking

Steve Beeston, Vice President, Global Technology Business Development, AMEC FOSTER WHEELER

How Smaller, less Complex Refineries can Benefit from Combining Bottom Upgrading Facilities

- Combined upgrading facilities for low complexity or small refineries could provide economy of scale, use of less expensive opportunity crudes and make higher quality end products.

Rashid Iqbal, Technical Specialist, Refining, BECHTEL

Innovative & Cost-effective Refinery Scheme

- Defining optimum refinery scheme
- A look at the different options

M J Rahman, Director, Refining Technology, KBR TECHNOLOGY

Simon Cackett, Licensing Technology Manager, SHELL

Automatic Bottom Unheading Valve

Wolfgang Zingsem Sales Manager - Oil & Gas Division, PAUL WURTH S.A.

14:40 COFFEE & NETWORKING BREAK

15:00 SESSION FOUR - RESIDUE UPGRADING PART TWO

KNPC FCC Revamp Project - Challenges, Opportunities and Lessons Learnt

- Revamp for processing heavier feeds

Subhash Chander Singhal, Technical Specialist

Rashed Al Fadhi, Team Leader Process Engineering, KNPC

Andrew Craig, Technology Manager, Honeywell UOP

Better Profit Margins from FCC Optimisation

- A Middle East refinery initiated a project to capture economic advantage from improved FCC unit product yield structure and operating flexibility

Ankit Apoorv, Technical Sales Manager, BASF

Complete Residue Conversion with LC-Slurry

- Achieving conversions in excess of 95%
- Applying a unique catalyst system called iSOSLurry that permits quasi-total conversion of residue

Gerrit Polhaar, Technology Marketing Area Manager, CHEVRON LUMMUS GLOBAL

17:00 CLOSE OF CONFERENCE

Petrochemicals Stream

13:30 SESSION THREE - AROMATICS & DERIVATIVES

Capturing Value with Advanced Axens' ParamaX Technologies

- Update on latest catalyst & adsorbent technologies
- Recent case studies

Sylvain Campo, Technologist - Gasoline & Aromatics, AXENS

BP PTA+: Advantaged Proven Technology

- BP's 1.25 mtpa Zhuhai #3 plant project
- Technical services, best practices, training and continuous improvement

Timothy Keyes, Licensing Director, PTA Projects and Engineering, BP

Cosimo Cannalire, Head - Win-It Alliances, TECHNIP

Advanced Catalysts and Adsorbents for Cost-Efficient Paraxylene Production

- Novel catalysts and adsorbents for paraxylene manufacture helping producers get the most out of their operations

- Technical and economic benefits for ME paraxylene producers

Ernst Köhler, Global Product Manager Aromatics, CLARIANT

Developing and Delivering PTA and PET Technologies in line with the need of Global Market

- Understanding the PTA/PET market key drivers and requirement
- Keeping the technology offering in line with the needs of the market
- Delivering a technology transfer service based on expert support for each key stage of the PTA/PET project

Mostafa Pourmahnaei, Regional Licensing Manager

Graham McCartney, Director of Technology,

INVISTA PERFORMANCE TECHNOLOGIES

15:00 SESSION FOUR - OLEFINS & POLYOLEFINS

Novolen PP Technology - Continuing Development and Investment in the Future

- Catalyst development and manufacturing partnership with Clariant delivering results

- Global/regional market analysis PP products

- Ongoing product development and capabilities

Gijs ten Berge, Director Polyolefins Licensing,

LUMMUS NOVOLEN TECHNOLOGY

Univation-Linde Alliance - Connecting Leading Technologies. Providing Proven Solutions

- Introduction of Univation-Linde Alliance

- Integration opportunities for Cracker / PE Plant Projects

- Retrofit and expansion solutions for Existing Cracker / UNIPOL™ PE Process lines

Bob Pociask, Commercial Sales Director, UNIVATION

Stephan Glanz, Project Director Sales Petrochemical Plants, LINDE

Networking Events



We recognise the importance of networking as well as engaging in the conference sessions. With this in mind we have maximised the opportunities for delegate interaction and invite you to participate in the options listed here.

TUESDAY 21 FEBRUARY 18:30 – 20:00

Welcome Reception

A chance to pre-register for ME-TECH 2017 and meet your fellow Delegates whilst enjoying refreshments and canapés in a relaxed environment.

WEDNESDAY 22 FEBRUARY 19:00

Gala Reception

Join us at the end of the first day of the Conference for a Gala Evening. The reception will take place in the Joharah Ballroom. A variety of refreshments and snacks including a large selection of hot buffets items will be served. Dress code is smart casual.

The Venue



Madinat Jumeirah is located next to the Burj Al Arab on the Dubai coastline and is reachable in approximately 20-25 minutes by taxi from Dubai International Airport and approximately 1 hour from Abu Dhabi Airport. Underground parking is located beneath the Conference Centre.

The conference centre is just a few steps away from the Mina A'Salam hotel and Al Naseem hotel. In order to provide delegates with a choice of accommodation, we have negotiated special rates for ME-TECH 2017 participants in both of the above hotels.



BBTC MENA 2017 – 4th Bottom of the Barrel Technology Conference will take on 4 & 5 December 2017 in Bahrain. BBTC is currently the only event that focuses on residue upgrading technologies, project trends, catalysts and equipment innovations as residue upgrading becomes increasingly important to our industry and in the Middle East region.
www.bbtc-mena.biz

Key Topics:

- Global & Regional Markets Overview & Updates
- Selecting the Optimum Residue Upgrading Configuration
- Thermal & Gasification – Power Generation Options
- Hydroprocessing & RFCC
- New Technologies, Optimisation & Integration Solutions



Euro Petroleum Consultants is pleased to bring you our series of catalyst technology conferences where all industry players, from Catalyst suppliers, Licensors through to Contractors and End users, will be invited to discuss and exchange on the latest Catalyst developments – a unique opportunity to get up to date with all key issues and industry trends. ME-CAT 2017 – Middle East Catalyst Technology Conference will take place on 6 & 7 December 2017 in Bahrain and further dates will be announced shortly for conference series in Asia and the Americas.

Key topics:

- Catalytic Reforming (CCR & SR) & Isomerisation Catalysts
- Hydroprocessing Catalysts (Hydrotreating, VGO Hydrocracking)
- FCC Catalysts for max Naphtha and max Olefins
- Selective Hydrogenation Catalysts
- Residue Hydrocracking (Ebullating Bed & Slurry Processes)
- Catalytic Dewaxing
- Solid Bed Alkylation Catalysts
- Hydrogen Production
- Catalysts for Aromatics, Olefins & Detergents
- Enzymes & Bio-Catalysts --> BioRefineries
- Catalyst Management – Guard Beds, Regeneration, Spent Catalyst, Metals Recovery, Presulfiding, Monitoring Tools and Instrumentation
- Modern Catalyst testing, Evaluation Techniques & Procedures

IDTC 2017, Dubrovnik

16 & 17 May

International Downstream Technology & Strategy Conference

International BBTC 2017, Dubrovnik

18 & 19 May

International Bottom of the Barrel Technology Conference

Specialised Oil & Gas Training Courses

All our training seminars can be run in-house. We have run bespoke in-house courses successfully numerous times for oil & gas companies. We are most happy to discuss your particular requirements and tailor events to meet your specific needs.

Our Subject Areas

Operational Excellence

Project Management

Investment Planning / Master Planning

Oil, Gas & Petrochemicals Masterclasses

Health, Safety & Environment



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