



International Downstream Conference & Exhibition 2025

INNOVATING ENERGY, CREATING SUSTAINABLE VALUE

Sept 30th – Oct 2nd

EXHIBITION WORLD BAHRAIN

KNOWLEDGE PARTNER

S&P Global
Commodity Insights

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ROYAL PATRONAGE

On behalf of the Gulf Downstream Association (GDA), and under the esteemed patronage of His Royal Highness Prince Salman bin Hamad Al Khalifa, Crown Prince and Prime Minister, we are pleased to announce the International Downstream Conference and Exhibition (IDCE). This landmark event will bring together industry leaders and decision makers from across the region and around the world.

HRH Prince Salman bin Hamad Al Khalifa

Crown Prince and Prime Minister of the Kingdom of Bahrain





Opening Speech

Mitib A Al Harbi

Chairman, GDA International Downstream Conference
& Exhibition 2025

Vice President, Fuels Business Management, Aramco

Delivering an event like the International Downstream Conference & Exhibition 2025 is more than an organizational milestone; it is a commitment to shaping the future of our industry.

Under the theme “Innovating Energy, Creating Sustainable Value,” this year’s conference brings together leaders, innovators, and technical experts from across the globe to share strategies, showcase technologies, and forge partnerships that will define the next chapter of the downstream sector.

The program reflects the industry’s most pressing priorities, from decarbonization and digital transformation to capital efficiency and workforce readiness. It is designed to inspire ideas and to translate them into actionable solutions for sustainable growth.

I am proud to welcome you to Bahrain for three days of knowledge exchange, collaboration, and networking. Together, we will explore new opportunities, address shared challenges, and strengthen the bonds that unite our global downstream community.

See you at IDCE 2025, where innovation meets impact.



Strategic Direction from the Chairman

Hussain Al Qahtani

Chairman, GDA

Senior Vice President of Fuels, Aramco

The Gulf Downstream Association (GDA) stands at a pivotal moment in its journey. Guided by our new strategy, we are committed to transforming GDA into a truly global, industry-shaping platform that delivers greater value to both our members and the downstream sector at large.

This transformation is anchored in three key pillars. First, we aim to position GDA as a hub for thought leadership, innovation, and knowledge exchange, one that influences the future direction of our industry. Second, we are launching new industry forums dedicated to addressing the most critical and emerging topics in the downstream landscape, ensuring timely dialogue and actionable outcomes. Third, we are pursuing strategic collaborations that will expand and strengthen the global influence of the International Downstream Conference & Exhibition (IDCE), making it a cornerstone event for the worldwide downstream community.

Our vision is bold, but our commitment is stronger. By working together, we can create a platform that fosters insight, drives collaboration, and inspires solutions that advance the industry for years to come.

I invite you to join us in this exciting new chapter for GDA. Your engagement and expertise will be the catalyst for innovation, progress, and enduring value for our members and the global downstream sector.

See you at IDCE 2025, where the future of downstream is shaped.

THE 3 DAY AGENDA

Join global leaders, innovators, and decision-makers for three impactful days of strategic discussions, industry dialogues, and technical deep-dives shaping the future of the downstream sector.

DAY 1
SEP 30TH

Strategic Leadership & Industry Vision

- Opening Remarks by Industry Leaders & Ministerial Keynote Address
- Leadership Dialogue & Fireside Chat
- GDA Leadership Award Ceremony
- Strategic Sessions:
 - Geopolitics & Energy Markets: What It Means for the Industry Growth
 - Strategic Imperatives for Downstream Resilience in a Low-Margin Era
 - Maximizing Returns: Capital Efficiency in Changing Landscape
 - Energy Diplomacy & Trade: Shaping the Future of Downstream
 - The Global South Pivot: Strategic Shifts for Middle East NOCs
- Industry Dialogues:
 - Pioneering the Future: Revolutionizing HSSE in Refineries With Cutting-Edge Technologies
 - From Blueprint to Reality: Mastering Project Planning, Execution and Commissioning
- Technical & Poster Presentations on 'Health, Safety, Security and Environment' and 'Project Management & Commissioning & Start-Up' Themes

DAY 2
OCT 1ST

Downstream Transformation Through Technology & Innovation

- Strategic Panels:
 - Maximizing Barrel Value: the Next Frontier in Refinery and Petrochemical Integration
 - Global Refining Realignment: Asia's Ascent and Europe's Transition
 - Downstream Decarbonization: Demand Sustainability Through Carbon Competitiveness
 - AI for Energy, Energy for AI
 - AI in Refineries: Accelerating Digital Transformation
- Industry Dialogues:
 - Downstream Sustainability: Integrating Efficiency and Decarbonization for Success
 - Innovating Refinery of the Future: Cutting-Edge Technologies From Concept to Commercialization
 - Intelligent Integration: AI and Digitalization in Downstream
 - Digital Reliability & Integrity: Enhancing Integrity With Predictive Analytics
- Technical & Poster Presentations on 'Decarbonization and Energy Management' and 'Advanced Process Solutions & New Technologies' Themes

THE 3 DAY AGENDA

Join global leaders, innovators, and decision-makers for three impactful days of strategic discussions, industry dialogues, and technical deep-dives shaping the future of the downstream sector.

CONFERENCE
AGENDA

DAY 3 OCT 2ND | Maximizing Value Across Downstream

- Strategic Panels:
 - The Hydrogen Debate: Hype, Reality & Commercial Pathways
 - Charging Ahead: the EV Revolution and Fuel Retail Transformation
 - Future-Proofing the Downstream Workforce: Digital Integration & DEI Initiatives
 - Biofuels & SAF: Can They Scale Fast Enough To Transform Mobility?
 - Lubricants & Base Oils: Driving Efficiency in a Low-Carbon Future
- Industry Dialogues:
 - Navigating Complexity and Uncertainty: Achieving Supply Chain Excellence in the Downstream Industry
 - Leadership Evolution: Cultivating Tomorrow's Leaders Today in the AI Paradigm Shift
- Technical & Poster Presentations on 'AI & Digitalization' and 'Reliability & Asset Integrity' and 'Supply Chain Optimization' and 'Leadership & People Development Themes
- Closing Remarks by Chairman



DAY 1 – SEPTEMBER 30TH 2025

Strategic Leadership & Industry Vision



9:00 AM	Welcome, Opening Remarks & Strategic Direction
9:15 AM	Ministerial Keynote Address
9:25 AM	Leadership Dialogue – Fireside Chat
9:50 AM	GDA Leadership Award
10:00 AM	Geopolitics & Energy Markets: What It Means for the Industry Growth
11:00 AM	Duhur Prayer & Lunch Break
12:00 PM	Strategic Imperatives for Downstream Resilience in a Low-Margin Era
1:00 PM	Maximizing Returns: Capital Efficiency in Changing Landscape
2:00 PM	Pioneering the Future: Revolutionizing HSSE in Refineries With Cutting-Edge Technologies
2:00 PM	From Blueprint to Reality: Mastering Project Planning, Execution and Commissioning
3:00 PM	Asar Prayer Break
3:30 PM	Energy Diplomacy & Trade: Shaping the Future of Downstream
4:30 PM	The Global South Pivot: Strategic Shifts for Middle East NOCs



DAY 1: SEPTEMBER 30TH 2025

Strategic Leadership & Industry Vision



Dr. Mohamed Bin Mubarak Bin Daina

Minister of Oil & Environment,
Kingdom of Bahrain

STRATEGIC SESSION - 9:15 AM

Ministerial Keynote Address

STRATEGIC SESSION 9:25 AM

Leadership Dialogue Fireside Chat

Moderated by:



Dave Ernsberger

Co-President, S&P Global
Commodity Insights



Dr. Mohammad Y. Al Qahtani

Downstream President,
Aramco



Bassam A Al-Bokhari

Secretary General, GDA
CEO, EnergyTech

STRATEGIC SESSION 9:50 AM

GDA Leadership Award



DAY 1: SEPTEMBER 30TH 2025

Strategic Leadership & Industry Vision



Paul Gruenwald

Global Chief Economist, S&P
Global Ratings

STRATEGIC SESSION - 10:00 AM

Geopolitics & Energy Markets: What It Means for the Industry Growth

A high-level discussion on how shifting geopolitics will shape supply chains, investment flows, and policy frameworks.



H.E. Mohammed Albrahim

Assistant Minister, Oil & Gas,
Ministry of Energy, Kingdom of
Saudi Arabia



Yasser M. Mufti

EVP, Products &
Customers
Aramco



Mark Thomas

Group CEO
BAPCO Energies



Srinivas Tuttagunta

COO, Supply & Trading
Reliance Industries Limited



Xinhua Li

Head, Global Trading &
International Business
Rongsheng Petrochemical

STRATEGIC SESSION - 12:00 PM

Strategic Imperatives for Downstream Resilience in a Low-Margin Era

This session examines strategic approaches for enhancing downstream sector resilience amid tightening margins, focusing on operational efficiency, digital transformation, cost optimization, and sustainable business models for long-term competitiveness.



Dave Ernsberger

Co-President, S&P Global
Commodity Insights



Sultan Albigishi

CEO
ADNOC Refining



Kamil Al Shanfari

CEO
OQ Refineries



Claudio Fayad

CTO
Emerson



Jeff Rinker

President & CEO
Motiva



DAY 1: SEPTEMBER 30TH 2025

Strategic Leadership & Industry Vision



Anthony John Wood

VP, Global Head of Oil, Midstream
and Downstream Consulting, S&P
Global Commodity Insights

STRATEGIC SESSION - 1:00 PM

Maximizing Returns: Capital Efficiency in Changing Landscape

Explore strategies for enhancing capital efficiency amidst evolving market dynamics, focusing on innovative approaches to maximize returns while navigating challenges in investment and resource allocation.



Ralph Wetzels

SVP, Downstream Finance
Aramco



Basema Al Mahroos

CEO
BAPCO Tazweed



Thomas Maurisse

SVP, Refining & Petrochemical
Asia & Middle East
TotalEnergies



Fabricio Sousa

Global President
Worley Consulting

INDUSTRY DIALOGUE - 2:00 PM

Pioneering the Future: Revolutionizing HSSE in Refineries With Cutting-Edge Technologies

Exploring the integration of advanced technologies in refinery operations to enhance safety, security, health measures and risk mitigation involves using best industry practices, digital twins, and real-time monitoring systems to prevent accidents, ensure secure operations, and promote worker health. Additionally, implementing innovative safety protocols and cybersecurity measures ensures a safer, more secure, and healthier refinery environment.



Ehsan Akhavan

MD Middle East & Africa
DSS+



Majid Al Saidi

VP HSSE,
OQ RPI



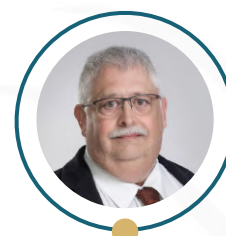
Abdulaziz Al Askar

VP Engineering & Technical
Services
SATORP



Steve Odlin

SVP Fire, Safety, and Security
BAPCO Refining



John Burgess

Founder,
Smith & Burgess Process
Safety Consultants



DAY 1: SEPTEMBER 30TH 2025

Strategic Leadership & Industry Vision



Raj Jhajharia

Principal Consultant,
Becht

INDUSTRY DIALOGUE - 2:00 PM

From Blueprint to Reality: Mastering Project Planning, Execution and Commissioning

Exploring how digital tools and technologies can enhance the efficiency, coordination, and outcomes of large-scale projects from the concept to commissioning.



Hassan H. Al Yami

VP Ras Tanura Refinery,
Aramco



Fahad Saad Al Mutairi

Deputy CEO, Al Zour Operations
KIPIC



Hanny Alshazly

Managing Director, MENA Region
PMI



Nicolas Poirot

Middle East, South &
Central Asia CEO
Air Liquide

STRATEGIC SESSION - 3:30 PM

Energy Diplomacy & Trade: Shaping the Future of Downstream

What strategic partnerships and joint ventures are redefining market access and refining and petrochemical competitiveness.



Kurt Barrow

SVP, Global Head of oil, fuels and
chemical solutions S&P Global
Commodity Insights



Ibrahim Qassim Al-Buainain

EVP Global Manufacturing
Aramco



Abdulrahman Al-Fageeh

CEO
SABIC



Abdulrahman Jawahery

CEO
BAPCO Refining



Elise H Nowee

President
Shell Catalysts &
Technologies



DAY 1: SEPTEMBER 30TH 2025

Strategic Leadership & Industry Vision



Sanjay Sharma

VP, Global Head of Chemicals
Consulting,
S&P Global Commodity Insights

STRATEGIC SESSION - 4:30 PM

The Global South Pivot: Strategic Shifts for Middle East NOCs

Exploring the growing influence of emerging economies in Asia and Africa on Middle East NOC investment, trade flows, and strategic priorities



Abdullah Salem Al Ajmi

CEO
OQ8



Saad H Binmatlig

CEO
Yasref



Francesco Palmieri Lupia

MD & Senior Partner
Boston Consulting Group



Sergey Denisov

Chief Development Officer
Nayara Energy



DAY 2 – OCTOBER 1ST 2025

Downstream Transformation Through Technology & Innovation



9:00 AM	Maximizing Barrel Value: the Next Frontier in Refinery and Petrochemical Integration
10:00 AM	Global Refining Realignment: Asia's Ascent and Europe's Transition
11:00 AM	Downstream Decarbonization: Demand Sustainability Through Carbon Competitiveness
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1:00 PM	Downstream Sustainability: Integrating Efficiency and Decarbonization for Success
1:00 PM	Innovating Refinery of the Future: Cutting-Edge Technologies From Concept to Commercialization
2:00 PM	AI for Energy, Energy for AI
3:00 PM	AI in Refineries: Accelerating Digital Transformation
4:00 PM	Asar Prayer / Networking Break
4:15 PM	Intelligent Integration: AI and Digitalization in Downstream
4:15 PM	Digital Reliability & Integrity: Enhancing Integrity With Predictive Analytics

DAY 2: OCTOBER 1ST 2025

Downstream Transformation Through Technology & Innovation



Ravi Narayanaswamy

VP, Global Head of Feedstocks
Research & Analytics S&P Global
Commodity Insights

STRATEGIC SESSION - 9:00 AM

Maximizing Barrel Value: the Next Frontier in Refinery and Petrochemical Integration

Discussion on deeper integration between refining and petrochemicals material transition trends, and feedstock flexibility to future-proof assets in a lower-carbon world



Abdullah S. Al-Suwailem

SVP, Western Region
Manufacturing
Aramco



Quentin Debuisschert

CEO
Axens



Leon De Bruyn

President & CEO
Lummus Technology



Mahesh Marve

Senior EVP, Research &
Technology, Refinery and
Chemicals
Reliance Industries Limited

STRATEGIC SESSION - 10:00 AM

Global Refining Realignment: Asia's Ascent and Europe's Transition

How India's refining expansion, China's petchem-driven model, and EU's capacity rationalization are likely to reshape global refining dynamics?



Kurt Barrow

SVP, Global Head of oil, fuels and
chemical solutions S&P Global
Commodity Insights



Khalid S. Ghamdi

SVP Eastern Region
Manufacturing
Aramco



Rajesh Samarth

CEO
Chevron Lummus Global



Rachid Majiti

Senior Partner,
McKinsey & Co.



Saad Al Qahtani

SVP Oil & Gas,
Vision Invest

DAY 2: OCTOBER 1ST 2025

Downstream Transformation Through Technology & Innovation



Anthony John Wood

VP, Global Head of Oil, Midstream
and Downstream Consulting, S&P
Global Commodity Insights

STRATEGIC SESSION - 11:00 AM

Downstream Decarbonization: Demand Sustainability Through Carbon Competitiveness

How can refineries be ready for lower carbon world? What are the latest developments in clean hydrogen, carbon capture, and sustainable biofuels as alternatives to traditional refining?



Walid Al Naim

VP & Chief Engineer
Aramco



Andrea Bozzano

VP & CTO
Honeywell



Elena Scaltritti

Chief Commercial Officer
Topsoe



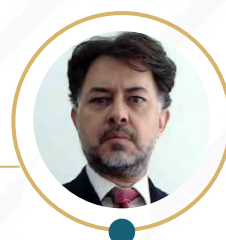
Hitoshi Masuda

Senior Executive Director (CTO)
JCCP

INDUSTRY DIALOGUE - 1:00 PM

Downstream Sustainability: Integrating Efficiency and Decarbonization for Success

Discussion on strategies and technologies aimed at reducing carbon emissions while enhancing energy efficiency in the downstream industry. This involves the integration of new process configurations, refinery-petchem integration, advanced control systems, digital technologies, and sustainable practices to optimize refinery processes and reduce energy consumption and improve long-term profitability.



Omar Khan

VP and Head of Commercial Middle
East, Solomon Associates



Mohammad M Farsi

President & CEO
SAMREF



Syed Mahmood Alawi

SVP, Technical Services
BAPCO Refining



Mikala Grubb

Senior Vice President,
Topsoe



Ujjal Mukherjee

CTO
Lummus Technology

DAY 2: OCTOBER 1ST 2025

Downstream Transformation Through Technology & Innovation



Richard Charlesworth

Executive Director, Global Head of
Industry Processes and Cost Analytics
S&P Global Commodity Insights

INDUSTRY DIALOGUE - 1:00 PM

Innovating Refinery of the Future: Cutting-Edge Technologies From Concept to Commercialization

Advanced control systems and new process technologies to optimize refinery processes. This track also focuses on autonomous operation systems, Advanced Process Control, solutions for process optimization, real-time optimization (RTO), and case studies on autonomous operations



Dr. Ali Abdullah Al Meshari

SVP, Technology Oversight &
Coordination
Aramco



Othman Al-Ghamdi

President & CEO
Petro Rabigh



Brian Heasley

Global Head of Refining &
Clean Fuels,
KBR



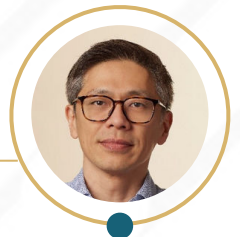
Arun Arora

CTO
Chevron Lummus Global

STRATEGIC SESSION - 2:00 PM

AI for Energy, Energy for AI

Discussion on how AI is transforming energy production, distribution, and consumption, while highlighting the rising energy demands driven by AI data servers.



Jake Yang

CTO, S&P Global
Commodity Insights



Basim A Ruwail

VP, IT Infrastructure
Aramco



Heiko Claussen

Chief Technologist
Aspentech, Emerson



Norinao Sato

President & CEO
Yokogawa Middle East & Africa



AJ Abdallat

CEO
BeyondLimits

DAY 2: OCTOBER 1ST 2025

Downstream Transformation Through Technology & Innovation



Jad Moussalli

Partner Energy and Natural
Resources, Oliver Wyman

STRATEGIC SESSION - 3:00 PM

AI in Refineries: Accelerating Digital Transformation

How AI, predictive analytics, and automation are revolutionizing refinery operations enhancing efficiency, safety, and profitability while reducing emissions.



Abdulla Omar Al Ameri

VP, Asset Development
ADNOC



Kurt Barrow

SVP, Global Head of oil, fuels and
chemical solutions S&P Global
Commodity Insights



Ahmed Al-Ghamdi

CEO
Artificial Intelligence Global Co



Norm Gilsdorf

CEO
Plant Digital

INDUSTRY DIALOGUE - 4:15 PM

Intelligent Integration: AI and Digitalization in Downstream

This session focuses on the integration of AI and digital technologies to achieve autonomous operations, optimize processes, predictive analytics and enable real-time decision-making in the downstream oil and gas industry. Key areas of focus include AI-based decision-making, Process Digital Twin, real-time optimization (RTO), and case studies on the successful implementation of these technologies.



Leonardo Scamazzo

Partner,
Bain & Company



Omar Y Thukair

VP & Chief Digital Officer
Aramco



Khaled Al Blooshi

VP Digital Projects & Innovation
ADNOC



George Cui Shan

Chairman & President
Supcon



Santosh Unni

Head of Digital
Transformation & AI Services
Infosys BPM



DAY 2: OCTOBER 1ST 2025

Downstream Transformation Through Technology & Innovation



David Sayah

Managing Director and Partner,
Boston Consulting Group

INDUSTRY DIALOGUE - 4:15 PM

Digital Reliability & Asset Integrity: Enhancing Integrity With Predictive Analytics

Focus on how digital tools and predictive analytics can enhance reliability and asset integrity in refinery operations. Management of shutdowns/turnarounds more efficiently, risk-based inspection practices along with reliability centered maintenance programs with digital footprint and best practices.



Sami Bu Rushaid

VP, Global Manufacturing
Excellence
Aramco



Matt Spalding

VP APAC, Middle East, North
Africa & India
Honeywell E&S Solutions



Gaetano De Santis

EVP Reliability Maintenance,
BAPCO Refining



Dr. Chiraz Ennaceur

CEO & Co-Founder
CorrosionRADAR Ltd.



DAY 3 – OCTOBER 2ND 2025

Maximizing value across downstream



9:00 AM	The Hydrogen Debate: Hype, Reality & Commercial Pathways
10:00 AM	Charging Ahead: the EV Revolution and Fuel Retail Transformation
11:00 AM	Future-Proofing the Downstream Workforce: Digital Integration & DEI Initiatives
12:00 PM	Duhur Prayer & Lunch Break
12:00 PM	Navigating Complexity and Uncertainty: Achieving Supply Chain Excellence in the Downstream Industry
12:00 PM	Leadership Evolution: Cultivating Tomorrow's Leaders Today in the AI Paradigm Shift
1:00 PM	Biofuels & SAF: Can They Scale Fast Enough To Transform Mobility?
2:00 PM	Lubricants & Base Oils: Driving Efficiency in a Low-Carbon Future
3:00 PM	Conference Outcomes & Closing



DAY 3: OCTOBER 2ND 2025

Maximizing Value Across Downstream



STRATEGIC SESSION - 9:00 AM

The Hydrogen Debate: Hype, Reality & Commercial Pathways

The commercial viability and infrastructure challenges of hydrogen as a fuel of the future.

Richard Charlesworth

Executive Director, Global Head of
Industry Processes and Cost Analytics
S&P Global Commodity Insights



Hesham Tashkandi

Geo Head KSA,
ACWA Power



Wesam Alghamdi

CEO
NEOM Green Hydrogen Company



Ivana Jemelkova

CEO
Hydrogen Council



Ahmed Hababou

President, Middle East & India
Air Products

STRATEGIC SESSION - 10:00 AM

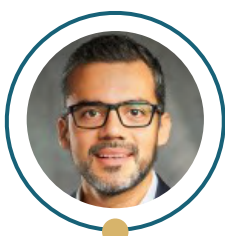
Charging Ahead: the EV Revolution and Fuel Retail Transformation

Discussion on how rising EV adoption is transforming energy demand, infrastructure needs, OEM partnerships, and impacting petrochemical consumption patterns



Jim Burkhard

VP, Global Head of Oil & Mobility
Research & Analytics S&P Global
Commodity Insights



Samuel Raudales

Chief Growth Officer
Valvoline



Abdullah AlOtaibi

Global VP, Polyethylene
SABIC



Tune Marschall

Partner
Bain & Company



Gopi Sankar M

Global CTO
Switch Mobility
Ashok Leyland



Faisal Sultan

President of
Lucid Motors Middle East



DAY 3: OCTOBER 2ND 2025

Maximizing Value Across Downstream



Gaurav Srivastava

Regional Head – Oil Midstream and
Downstream Consulting (ME & India)
S&P Global Commodity Insights

STRATEGIC SESSION – 11:00 AM

Future-Proofing the Downstream Workforce: Digital Integration & DEI Initiatives

An in-depth discussion on how AI, automation, AR/VR, reskilling, and DEI initiatives are transforming the downstream workforce—boosting safety, innovation, and inclusive growth.



Shaima Al Ghunaim

EVP, Planning & Finance
KPI



Nouf Al-Sowaidi

Group Chief HR Officer,
BAPCO Energies



Kristy Chadwick

Group CEO
TTRO



Mark Anderson

SVP, Strategy and Value
Chain, KBC (A Yokogawa
Company)

INDUSTRY DIALOGUE – 12:00 PM

Navigating Complexity and Uncertainty: Achieving Supply Chain Excellence in the Downstream Industry

Strategies for identifying risks, bottlenecks, and managing complexities in downstream supply chains, focusing on optimizing processes, to manage future integration like renewables (biofuels, SAF, e-fuels), EV charging infrastructure into supply chain by leveraging advanced technologies, and enhancing collaboration.



Jad Dib

Partner
McKinsey & Company



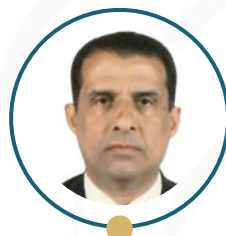
Fayez Al Sharef

CEO
Sadara



Hisham Alnughaimish

President
Bahri Oil



Ayoub Al-Ghamdi

Senior Consultant
S-Chem



Jerry Kalogiratos

CEO, Capital Clean Energy
Carriers Corp.



DAY 3: OCTOBER 2ND 2025

Maximizing Value Across Downstream



Abdulaziz Alajian

SVP

The Saudi Investment Bank

INDUSTRY DIALOGUE - 12:00 PM

Leadership Evolution: Cultivating Tomorrow's Leaders Today in the AI Paradigm Shift

Discussion on required structured leadership development initiatives that focus on upskilling and reskilling employees to make future ready leaders for new technology (AI/ML, AR/VR, Digitalization) environment.



H.E. Prof Ebrahim Al Hajri

President

Khalifa University



Nayef S. Al-Otaibi

VP, Downstream HR

Aramco



Ghanim Naser Al-Otaibi

Deputy CEO Projects

KNPC



Ali Al Lawati

Chief People & Technology Officer

OQ

STRATEGIC SESSION - 1:00 PM

Biofuels & SAF: Can They Scale Fast Enough To Transform Mobility?

This session examines the potential of biofuels and Sustainable Aviation Fuels (SAF) to scale rapidly, assessing their role in transforming mobility, reducing emissions, and meeting global sustainability goals.



Ethan Ng

Regional Head - Oil, Midstream and Downstream Consulting (APAC)
S&P Global Commodity Insights



Khalid Al-Harhi

President & CEO

SASREF



Dr. Jennifer Holmgren

CEO

Lanza Tech



Deepak Munganahalli

Co-Founder

SAF One



Tim M. Lederer

VP Global Aviation

Regulatory Affairs
DHL Express



DAY 3: OCTOBER 2ND 2025

Maximizing Value Across Downstream



Ravi Narayanaswamy

VP, Global Head of Feedstocks
Research & Analytics S&P Global
Commodity Insights

STRATEGIC SESSION - 2:00 PM

Lubricants & Base Oils: Driving Efficiency in a Low-Carbon Future

Impact of EVs, bio-based lubricants, and synthetic oils on refining, sustainability, and industrial performance.



Samer A Al Hokail

CEO
Luberef



Brian Paliotti

President
Afton Chemicals



Marco Digioia

President
ATIEL



Imad A Al-Hadlaq

EVP, Manufacturing
Kuwait Petroleum
International

Closing Remarks - 3:00 PM



Hussain Al Qahtani

Chairman, GDA
Senior Vice President of Fuels,
Aramco

8 TECHNICAL CATEGORIES

Decarbonization and Energy Management

Focuses on technologies (including renewable energy and biofuels), strategies, and policies (including carbon credits and carbon trading) that reduce carbon emissions and optimize energy use across the downstream value chain. Includes case studies on energy efficiency, carbon capture, fuel switching, and emissions monitoring.

Project Management & Commissioning and Start-Up

Covers best practices, tools, and lessons learned from the planning, execution, and safe start-up phases of downstream projects. Emphasizes integrated project delivery, modularization and advanced work packages, effective interface stakeholders management, new capacity building, capital optimization, cost/schedule performance, and safe handover to operations and projects close out.

AI & Digitalization

Explores the application of artificial intelligence, machine learning, and digital tools to transform operations, enhance decision-making, and unlock value in refining, petrochemicals, logistics, and asset management. Covers real-life use cases demonstrating business benefits through various applications, of AI such as: smart plants, process automation, digital twins, Robotics & Drones, big data analytics, predictive modeling, etc.

Reliability and Asset Integrity

This stream focuses on advanced strategies and methodologies to improve equipment reliability and plant availability within a structured asset management framework. It highlights approaches to reduce unplanned downtime, extend asset life, and ensure safe, sustainable operations. Key topics include predictive maintenance, innovative inspection technologies, risk based methodologies, turnaround optimization, corrosion and obsolescence management, asset integrity benchmarking, and the application of advanced analytics to support data driven decision making across the asset lifecycle.

8 TECHNICAL CATEGORIES

Advanced Process Solutions & New Technologies

Highlights innovative process designs, new technologies, and practical engineering solutions that help refineries and petrochemical plants run more efficiently, produce more value, and reduce their environmental impact. This includes ways to improve how catalysts perform, lower energy use, and cut emissions. The content also explores real-world examples of best practices, compares performance across different operations (benchmarking), and explains how new business models and process improvements can lead to higher profits, greater reliability, and long-term sustainability.

Leadership and People Development

Focuses on building resilient, agile organizations through talent development, workforce transformation, inclusion, and leadership strategies to navigate the evolving energy landscape and rapidly changing technologies. Emphasises on re-skilling/upskilling for new technology adaption, academia collaboration, executive coaching, and building corporate knowledge base for the future young work-force, Motivation & Inspiration to join Hydrocarbon Industries.

Supply Chain Optimization

Covers approaches to the supply chain, logistics & trading and procurement efficiency, manage marketing, sales, retail, supply/demand, geopolitics, market outlook, regulatory policies, merger & acquisition, joint-venture partnership. Enhance resilience across the value chain, and improve supply chain planning/optimization.

Health, Safety, Security and Environment (HSSE)

Showcases initiatives that reinforce a culture of safety, environmental stewardship, and operational security. Includes risk mitigation, process safety, emergency response, occupational health, waste management, international HSSE standards & regulations compliance, and ESG integration and Cyber Security.

6 BUSINESS SEGMENTATIONS

Chemicals / Petrochemicals

This segment transforms hydrocarbons into essential products that underpin modern life, from advanced plastics to specialty chemicals. As demand grows, the sector is re-shaping itself around sustainability, innovation, and integration with circular economy solutions.

Base Oils and Finished Lubricants

Lubricants are critical to keeping the world's industries and mobility systems running smoothly. Advances in formulation and technology are delivering longer-lasting, cleaner, and more energy-efficient solutions for a changing marketplace.

Power

Power is central to downstream operations, driving both efficiency and resilience. The industry is increasingly integrating renewables, cogeneration, and low-carbon solutions to align energy security with sustainability goals.

Refinery

Refineries remain at the heart of the downstream industry, converting crude oil into fuels and feedstocks that power global economies. To stay competitive, they are embracing digitalization, decarbonization, and closer integration with petrochemicals.

Retail

Retail fuels and convenience services represent the industry's most direct connection with consumers. The segment is evolving rapidly, with digital platforms, alternative fuels, and new mobility solutions redefining customer experience.

Supply Chain (Pipeline, Distribution, Terminals, and Trading)

The downstream supply chain ensures the reliable flow of energy products from production to global markets. Increasingly, logistics excellence and trading agility are key to navigating market volatility and enhancing value.



TECHNICAL PRESENTATIONS

September 30th 2025

TUESDAY			T01-HSSE
Session 1	State of the Art Tools for HSSE Improvement and Optimization		Technical Hall 1
Moderated By	Juan Carlos Latasa Technology Director, Head of Middle East Business Oil & Gas IDOM, IDOM Rep in the GDA	Presenter(s)	Affiliation
3:00 PM - 4:00 PM	Enhancing HAZOP Effectiveness: A Comprehensive Approach to Best Practices	Ghulam Abbas	Saudi Aramco
	AI-Driven Energy Intensity Index (EII) Prediction Model for Operational Efficiency	Munyah Al-Hamdani	OQ
	Strategic Pathway to a Digitalized Energy Management System	Mohamed Salaheldin	Sidpec
	Tier 3 Minor LOPC Investigation Tool and Dashboard	Jehad Maimani	PetroRabigh

Session 2	Projects Agility & Beyond		Technical Hall 2
Moderated By	Mohamed Ahmed Almahdi BAPCO Refining	Presenter(s)	Affiliation
3:00 PM - 4:00 PM	Integration of Bapco Refinery Hydrogen Network – The Key Refinery Enabler	Balagandahar Kanumilli & Fatima Janahi	Bapco Refining
	Optimizing Tie-In Execution in Refinery Projects: A Quality-Driven Approach to Shutdowns and System Integration	Mohannad Alismail	Saudi Aramco
	Successful Startup of ULSD Hydrotreater (3HDU) – Key Success Factors	Rakesh Budithi & Salman Manea	Bapco
	Strategic Application of Project Controls Across the Downstream Project Lifecycle	Chad Subhashchandra Itagi	Saudi Aramco



TECHNICAL PRESENTATIONS CONTINUED

September 30th 2025

Session 3	Safety, Reliability and Energy Efficiency Creating Optimal Symbioses		Technical Hall 1
Moderated By	Muhammad Albuti Sr. Enginner HSSE Planning – Kuwait Petroleum International)	Presenter(s)	Affiliation
4:00 PM – 5:00 PM	<i>Advancing Sustainable Energy Solutions: Afton Chemical's Integrated Strategies for Efficiency and Environmental Stewardship</i>	Benn Heatley	AFTON Chemical
	<i>Efficient Leak Detection for Cleaner Operations: Enhancing LDAR with IIR and Acoustic Technologies.</i>	Haya Althawadi	Bapco Refining
	<i>Safety and Reliability Symbioses, Why a Safe Plant must be a Reliable One</i>	Yaser Alhamad	KIPIC
	<i>Hydrogen Operation Philosophy at Sohar Complex Project</i>	Mohammed Bani Orada	OQ

Session 4	Energy and Safety Excellence with Digital Tools		Technical Hall 2
Moderated By	Juan Carlos Latasa Technology Director, Head of Middle East Business Oil & Gas IDOM, IDOM Rep in the GDA	Presenter(s)	Affiliation
4:00 PM – 5:00 PM	<i>Toward Net-Zero. AI-Enabled Virtual Power Plant for Flexible Power Generation Decarbonatization using Load Shaping Strategies to Zero Carbon Emissions</i>	Rafat Rob	Saudi Aramco
	<i>Digitalizing Safety: How Digitalization Incident Management and Near-Miss Reporting in the Refinery</i>	Ibrahim AlTasan	SAMREF
	<i>Complete Stoppage of Ethylene (C2) Boil Off Gas flaring</i>	Vishal Karate	Sadara Chemical Company
	<i>Driving Energy & Operational Excellence at Al-Zour Refinery</i>	Yaqoub AlAli	KIPIC



TECHNICAL PRESENTATIONS CONTINUED

October 1st 2025

WEDNESDAY			
Session 5	Innovative Approaches to Energy Optimization and Sustainability		Technical Hall 1
Moderated By	Ali Alshehhi Team Leader, Energy Management at ADNOC Group	Presenter(s)	Affiliation
9:00 AM - 10:00 AM	Driving Operational Excellence through Practical Energy Optimization in Refineries and Petrochemical Plants	Chris Van Der Beek	Becht Europe BV
	Innovative Practical Approach in Developing ADNOC Refining Energy Efficiency Improvement Roadmap	Amitkumar Vasantbhai Khadayata	ADNOC Refining
	SAMREF Energy Initiatives - Heading Towards Decarbonization	Muhammad Shahid	Samref
	Energy and Environmental Conservation by SRU TGTU Amine Optimization	Mohammad Albuainain & Dedik Rahmat	Aramco

Session 6	Catalysts, Configurations, and Conversion Pathway in Crude-to-Chemicals		Technical Hall 2
Moderated By	Ankush Dehankar Account Manager Topsoe A/S	Presenter(s)	Affiliation
9:00 AM - 10:00 AM	Adjusting Solid Circulation and Fluid Dynamics in a Multi-Zone Fluidized Bed Reactor for Crude-to-Chemicals Applications	Jose Ignacio Bielsa Velasco	KAUST
	TC2C™ - More Carbon-Effective Conversion of Crude Oil into Chemicals	Mazin Tamimi	Aramco
	Catalyzing Crude to Chemical Conversion: The Role of Configuration, Operation, and Catalyst in the FCC Fueling Chemicals Production	Hernando Salgado	BASF Refining Catalyssts
	One-step crude to chemicals refining technology. from catalyst design to pilot-plant operation	Juan Colom & Jorge Gascon	KAUST

TECHNICAL PRESENTATIONS CONTINUED

October 1st 2025

Session 7	Innovation and Technology Drive in Decarbonization and Energy Transition		Technical Hall 1
Moderated By	Antonio Scatigno Operational Excellence Lead at Saudi Aramco	Presenter(s)	Affiliation
10:00 AM - 11:00 AM	Enabling the Energy Transition: SABIC's Differentiated Polymer Solutions for Lightweight, Circular Solar Panel Applications	Saleh Alkarri	SABIC
	Advanced Machine Learning and CFD Modeling for Multi-Objective Genetic Algorithm Optimization of Dry Methane Reforming Toward Scalable Blue Hydrogen	Fahad Alotaibi	KPI
	Innovative Pathways In (R)FCC: Maximizing Olefins and Decarbonization	Rohit Agrawal	Honeywell UOP
	Unlocking technology pathways for sustainable aviation fuel (SAF) production in MENA region	Zainab Yaqub	Topsoe

Session 8	Innovations in Low-Carbon Conversion: Hydrogen, Olefins, and Electrified Pathways		Technical Hall 2
Moderated By	Ahmed Abdullah Operation Engineer of Heavy Oil Complex	Presenter(s)	Affiliation
10:00 AM - 11:00 AM	Novel Annular Jet Reactor for Direct Conversion of Crude and Complex Hydrocarbon Liquids to Olefins and Aromatics with Pathway to Carbon Neutrality	Sreekanth Pannala	SABIC
	A comprehensive outlook and techno-economic analysis of novel blue hydrogen technologies and life-cycle assessment of emissions across hydrogen value chains	Moonho Kim	Aramco
	Electrified Synthesis Gas Generation for Production of Low Carbon Hydrogen and Sustainable Fuels	Aadesh Harale & Lars Martiny	Saudi Aramco & Topsoe A/S
	Demonstration of STARBRIDGE™ Electrified Cracking Technology at Industrially Relevant Scale	Fahad Almashb	SABIC



TECHNICAL PRESENTATIONS CONTINUED

October 1st 2025

Session 9	Hydrotreating Optimization & Catalyst Innovative Techniques		Technical Hall 1
Moderated By	Abdulaziz Khajah Process Engineer, KNPC	Presenter(s)	Affiliation
11:00 AM - 12:00 PM	Upgrading Hydrotreating Feed Filtration at Kuwait's First Heavy Crude Refinery – KIPIC Al-Zour Refinery	Hamed Alazemi	KIPC
	Maximizing refinery margins with Diesel Iso-dewaxing –SATORP Case study	Duilio Casertano Di Salvo & Zaki Al-Madhari	Topsoe A/S & Saudi Aramco
	Dewaxing Catalyst Unlock Higher Capacity of YASREF DHT	Ahmed Al-ahmadi	YASREF
	Innovative Filtration System for Improving ARDS Catalyst Wet Unloading Methods & Reclaim Precious Metals from Wastewater	Khaled Al-Rabeea	KNPC

Session 10	Sustainable Refinery Practice : Renewable Products & SRU New Technologies		Technical Hall 2
Moderated By	Haribiya Al Enezi Process Engineer, KNPC	Presenter(s)	Affiliation
11:00 AM - 12:00 PM	Co-processing of Bio-oil in Hydrotreaters to produce Sustainable Aviation Fuel and Renewable Diesel	Sanjib Das Sharma	Saudi Aramco
	Driving Sustainability with Lubricants: Minimizing Footprint, Maximizing Handprint	Joris van der list	Q8Oils
	Vegan® and 700 Series: The Ultimate HEFA Solution	Remi Rached	Axens
	The Deployment of New Technologies and Initiatives in Samref's SRU	Khalid Ghazal	SAMREF



TECHNICAL PRESENTATIONS CONTINUED

October 1st 2025

Session 11	Decarbonization by Compact Carbon Capture, Bio-feed Coprocessing & Energy Efficiency		Technical Hall 1
Moderated By	Dhanasekar Periyasamy Sr. Principal Solution Consultant at Aspen Technology	Presenter(s)	Affiliation
2:00 PM - 3:00 PM	Design improvements in Stationary Carbon Capture ensuing reduced plant footprint, CAPEX and OPEX	Rami Bamagain	Saudi Aramco
	Decarbonization Strategy	Anupam Verma & Manar Al Busaidi	OQ
	Operational and Catalytic Strategies for Coprocessing Renewable Feeds in FCC	Pastor Manrique	BASF Refining Catalysts
	DHT Stripper Reboiler APH Plates Glass Coating	Suhail Alsayed	Yasref

Session 12	Operational Excellence and Innovation: Workforce, Reliability, and Circular Economy		Technical Hall 2
Moderated By	Barinder Ghai Director Technical Marketing and New Business Development EMEA	Presenter(s)	Affiliation
2:00 PM - 3:00 PM	Future Contractor workforce Management Solution	Bader Almutairi	SASREF
	Circular Economy in Refining & Petrochemicals	Ahmad Al-Ansari	KPI
	Grey Burn: Hour in House CCR Modification Avoided A Major Unit Shutdown	Mukeshkumar Patel & Maryam Alghadeer	SAMREF
	CFD Study for Enhancing Reliability of an Industrial Hydrogen Generation Unit	Mohammad Rakib	Aramco



TECHNICAL PRESENTATIONS CONTINUED

October 1st 2025

Session 13	Innovations in CO ₂ Conversion and Carbon Management		Technical Hall 1
Moderated By	Carlos Gutierrez Process Manager – Process Consultant Worley	Presenter(s)	Affiliation
3:00 PM – 4:00 PM	<i>De-Risking Carbon Management (CCUS) Thru Digitalization: Evaluating Optimal CCUS Pathways</i>	Hasan Imran	Saudi Aramco
	<i>Indium-Based Catalysts for CO₂ Conversion to Methanol or CO</i>	Jean Marcel Roberto Gallo & Jorge Gascon	KUST
	<i>CO₂ Capture in the Downstream Sector: Axens’ Full-Chain CCUS Approach</i>	Eduardo Ariza	Axens
	<i>SABIC Initiative: CO₂ Utilization for Environmental Innovation: From Waste Stream to Valuable Solutions</i>	Musaed Aljameel	SABIC

Session 14	Digital Transformation and Advanced Technologies for Sustainable Refining		Technical Hall 2
Moderated By	Bassam AL-Shammari Manager Information Technology KNPC	Presenter(s)	Affiliation
3:00 PM – 4:00 PM	<i>Quantum Computing in Refineries: Advancing Sustainability, Security, and Operational Efficiency Through CCR and ISOM Process Optimization</i>	Naser Alnaser	KNPC
	<i>Advanced Process Automation & New Age Technologies for Efficient Gas Operations and Loss Reduction</i>	Ravishankar S	Alethe Labs India
	<i>Bapco Refining (BR) OT digitalization journey and the deployment of AVM for enhanced operational visibility</i>	Manar Abdulla	BAPCO
	<i>Optimizing Refinery Operations with Wireless Technology: Pressure Monitoring for Enhanced Operational Safety</i>	Hussain Ali Mohamed	BAPCO



TECHNICAL PRESENTATIONS CONTINUED

October 2nd 2025

THURSDAY OCTOBER 2nd

Session 15 Digital Intelligence for Refining Process and Supply Chain

Technical Hall 1

**Moderated
By**

Bassam AL-Shammari
Manager Information Technology KNPC

Presenter(s)

Affiliation

9:00 AM

-

10:00 AM

Hybrid Multi-Model AI Approach Coupled with Process Intelligence to Improve Gas Cracker Furnace Performance

Galipelli Firish
Laxminarayan

AIGC Global
India

KNPC Blockchain Platform, The Digitization of the Shipment Nomination Process

Anwaar Alnowh &
Amal Al-Fadhli

KNPC

Single Integrated Reliability & Integrity Management Platform - Lifecycle Reliability & Integrity Solution

Yoonsu Seok

S-Oil

Enabling A Data-Centric Refinery Through Digital Twin Technology

Muhammad
Farrukh Amin &
Fatema Al-Qubaiti

BAPO Energies

Session 16 Innovative Inspection and Monitoring Technologies in Refining Operations

Technical Hall 2

**Moderated
By**

Bader Al Harbi
Subject Matter Expert (SME) - GDA Plant Reliability & Integrity Technical Committee at KNPC

Presenter(s)

Affiliation

9:00 AM

-

10:00 AM

Refinery Stack Inspections and hazardous confined space: The Role of Drone Technology in Enhancing Safety, Efficiency, and Cost-effectiveness.

Amro Ahmed

SASREF

Molecular Modeling of Impurity Effects in Supercritical CO2 Environments

Lujan
Almuhaish

Saudi Aramco

Heat exchangers inspection and maintenance repairs best practices by using latest new technology power tools.

Ebrahim
Burashed

BAPCO Refining

AI-driven Shortwave Infrared (SWIR) camera for free water detection in condensate and Natural Gas Liquid (NGL)

Saidkhodzha
Nematulloev

Aramco



TECHNICAL PRESENTATIONS CONTINUED

October 2nd 2025

Session 17	Enabling the Future of Downstream through digital Technologies		Technical Hall 1
Moderated By	Bassam AL-Shammari Manager Information Technology KNPC	Presenter(s)	Affiliation
10:00 AM - 11:00 AM	Enabling AI-Driven Digital Transformation for Downstream Operations with Aramco Digital' 450 MHz Network	Eid Alharbi	Aramco Digital
	Integrated Management System (MARSAD)	Khalid Al Sulaitni	OQ
	Introduction of AI to predict SOx emission in Acid Gas Removal Plant of MAA Refinery	Fatemah Mohammad	KNPC
	MeeraGPT : The Engineering Standards Chatbot	Hamad Saeed	ADNOC Refining

Session 18	Advanced Materials and Repair for Refinery Equipment		Technical Hall 2
Moderated By	Abdulrahman Alrumaidh Reliability Inspection Engineer – BAPCO	Presenter(s)	Affiliation
10:00 AM - 11:00 AM	New corrosion resistant super-austenitic grade Sanicro-35 (UNS N08935) for refining and petrochemical industry	Mohamed Sayed	Alleima
	Online welding of 24" cold flare pipeline	Mohamed Abdul Kareem MS	SABIC
	Corrosivity of Mercaptan Compounds on Different Alloys Under High Temperature Refinery Conditions	Fahad AlAlharith	Saudi Aramco
	Coke Drum Bottom Flange Repair	Ibrahim Almardumah	Yasref

TECHNICAL PRESENTATIONS CONTINUED

October 2nd 2025

Session 19	Case Studies in Corrosion, Damage Mechanisms, and Reliability Challenges		Technical Hall 1
Moderated By	Mohammad Saleh Al-Turaiji Senior Engineer Manufacturing Vietnam Kuwait Petroleum International	Presenter(s)	Affiliation
11:00 AM - 12:00 PM	High Temperature Hydrogen Attack (HTHA) Evaluation and Assessment - a Case Study	Mohammed Abdul Basith	Petrobigh
	Failure Analysis and Mitigation of Premature Tube Leaks in Sour Water Treatment Systems: A Case Study from Mina Al-Ahmadi Refinery	Mohammad Alkhzam	KNPC
	RFCC Regenerated Catalyst Slide Valve Hotspot Assessment and Mitigation	Muhammad Safwan Atan & Rajeshkumar Patel	Pengerang Refining Company
	Design Vulnerability mitigation through structured Corrosion and Damage Mechanism assessment in Refinery process equipment – A Case Study	Moza Alhosani	ADNOC Refining

Session 20	Reliability, Materials, and Performance Optimization in Refining Operations		Technical Hall 2
Moderated By	Mariam Almeshal Kuwait National Petroleum Company (KNPC)	Presenter(s)	Affiliation
11:00 AM - 12:00 PM	Enhancing Refinery Performance Through Reliability, Availability, and Maintainability (RAM) Modeling: A Cost-Effective Approach for Change Proposals	Ahmad Albasri	KIPIC
	Nonmetallic Pipes in Demanding Environments: Wear Mechanisms, Material Evaluation, and Successful Applications	Soon Won Moon	Saudi Aramco
	Assessment of Surge Protection System on an Ethylene Refrigeration Compressor	Abdullah Fairag	SABIC
	Standardized Timing Allocations for Relief Valve Overhauls: Comparing One-Piece Flow and Production Line Methods	Bader Awadh	BAPCO

TECHNICAL PRESENTATIONS CONTINUED

October 2nd 2025

Session 21	Sustainable Mobility		Technical Hall 1
Moderated By	Juan Carlos Latasa Technology Director, Head of Middle East Business Oil & Gas IDOM, IDOM Rep in the GDA	Presenter(s)	Affiliation
1:00 PM - 2:00 PM	Lubricants For a Greener Future Re-Fined Base Oils Compete With Virgin Base Oils in Quaiity and Sustainability	Fatemah Sadeq	KNPC
	SAF production through co-processing : A Chemical Perspective	Stephane Morin & Sara AlkhooriA	ADNOC Refining
	Conversion of Low-value Oil Streams to High-value EV Battery Materials	Moothy Alelaiwy, Hamad Balhareth, & Salahdine El Idrissi	Saudi Aramco
	Powering Two Futures: The Bold Strategy of Building Dedicated EV Hubs While Maximizing Traditional Fuel Leadership	Sven Dochez	Kuwait Petroleum Belgium

Session 22	Value Creation through Optimization and Innovation		Technical Hall 2
Moderated By	Chris Van der Beek Managing Director Becht Europe, Middle East and Africa	Presenter(s)	Affiliation
1:00 PM - 2:00 PM	HCU and IDW units yield optimization	Naser Sagr	Saudi Aramco Base Oil Company
	Beyond Design: A Structured Approach to Maximizing LBOU Throughout	Taqi Abdulla	BAPCO Refining
	Unlocking Value through Synergies - Transformation and Downstream Innovation	Afroz Diwan	YASREF
	In-House Development of an Automated System for Quality Giveaway Cost Calculations: Enhancing Efficiency and Performance at KNPC Refineries	Mohammad Al-Ansari	KNPC



TECHNICAL PRESENTATIONS CONTINUED

October 2nd 2025

Session 23	Developing Workforce for Tomorrow		Technical Hall 1
Moderated By	Dr. Hayat Abdulla Yusuf Associate Professor–Head of Scientific Research Department – Chemical Engineer–University of Bahrain	Presenter(s)	Affiliation
2:00 PM – 3:00 PM	<i>Empowering the Energy Sector: Building a Coaching Culture to Drive Performance and Transformation</i>	Sameera Baba	BAPCO Energies
	<i>Leading Yourself First: Building a Culture of Productivity through Employee Self-Accountability</i>	Haithem Albalawi & Bedour Alqahtani	Aramco
	<i>Navigating the Future: Workforce Transformation in the Gulf Downstream Sector through Digitalization, Sustainability, and Value Creation</i>	Tareq Al-Rifaai	KPI
	<i>Retention of Critical Knowledge (ROCK) System</i>	Mariam Al Mansoori	ADNOC Refining

Session 24	Advanced technology solutions in the supply chain		Technical Hall 2
Moderated By	Chris Van der Beek Managing Director Becht Europe, Middle East and Africa	Presenter(s)	Affiliation
2:00 PM – 3:00 PM	<i>Unlocking Value – Digitalization Opportunities in Delayed Coking</i>	Hani Alkhalifah	Lummus Technology
	<i>AI based Integrated Scheduling with Operations insights to transform landscape of Supply Chain Management</i>	Hrishikesh Pandaya & Garry Galvez	AspenTech
	<i>Fueling Profitability: S-OIL’s Procurement Transformative Journey with AI</i>	Jihye Lee	S-Oil
	<i>Towards New Paradigms of Customer Centricity: from Service Station to Service Platform. The Experience of Kuwait Petroleum International</i>	Vincenzo Maniaci	KPI

DIGITAL POSTERS

September 30th 2025

Digital Poster Session 1			EXHIBITION HALL	
			Presenter(s)	Affiliation
3:00 PM - 5:00 PM	1	Avoiding Flaring on a Tight Schedule - A Success Story of Refinery Fuel Gas Management	Bayan Aljar	BAPCO Regining
	2	Leveraging Innovation and Digitalization to Maximize Heat Recovery in Crude Distillation Units at KNPC Mina Al-Ahmadi Refinery	Abdulaziz Almansour & Altaf Alsnafi	KNPC
	3	Clash Management: CCR Reactors Repair during 2025 Yasref Mega Turnaround Event	Murali Ramana Kuman Abbineni	YASREF
	4	Towards Consistent Evaluations of CO2-EOR: A Meta-analysis of Life Cycle Assessment	Muhammad Yusuf Jabbar & Sean McCoy	Saudi Aramco & University of Calgary
	5	Innovation energy, creating sustainable value	Khalida Alkaabi	Bapco Refining
	6	Integrating Computer Vision and Satellite Imagery Solution for Oil and Gas Industries for Monitoring and Tracking Operations	Burri Harsha Vardhan Reddy	AI Intelligence Global Company
	7	Investigation and analysis of patent data to explore the need for different IP strategies in the digital transformation of energy technologies and emergence of sustainability technologies	Sujin Suresh	Aramco
	8	Mercaptan Recombination in NHTs: A Startup Challenge	Albaraa Halawani & Ahmed Alsadah	Saudi Aramco
	9	Management of a complex remediation project in the city of Naples	Khaled Alawadhi	Kuwait Petroleum Italia
	10	Enhancing Fired Heater Performance	Abdulahman Al-Zahrani & Ayman Bashawri	SAMREF

DIGITAL POSTERS

October 1st 2025

Digital Poster Session 2			EXHIBITION HALL	
			Presenter(s)	Affiliation
9:00 AM - 11:00 AM	1	Spray Characterization of Marine Dual Fuel Injector for Low Carbon Marine Fuels	Vallinayagam Raman	Saudi Aramco
	2	A time-series study of global crude oil refining emissions and reductions potential	Liang Jing	Saudi Aramco
	3	YNGLFD Operational Strategy Shift for a Greener Future	Abdulrahim Bukhari	Aramco
	4	Enhancing Organizational Culture for Safety and High Reliability	Ali Ahmed Mohamed Abdulla Al Ali	PETROFAC
	5	Hybrid Modeling approach to improve Hydrocracker Reactor Performance	Suresh Kumar Nellore	Chevron Lummus Global
	6	Enhancing Reliability of RTR Pipeline Connections through Thermoplastic Welding	Thibault Villete & Layla Alfadel	Saudi Aramco
	7	S-imoms : PSORMS (Process Safety & Operational Risk Management Solution) & IOTEM (Integrated Operation and Task Execution Management)	Jae Hyung Park & Jongho Park	S-Oil
	8	Conventional and Renewable Feedstocks processing in Hydrocrackers	Ahmed Bardooli	Topsoe A/S
	9	Steering Electrochemical CO2 Reduction toward liquid fuels and chemicals	Husain Al Naji	Saudi Aramco
	10	NMR Relaxometry: Revolutionizing Polymer Testing	Almutasim Alwagdani	Petro Rabigh

DIGITAL POSTERS

October 1st 2025

Digital Poster Session 3

EXHIBITION HALL

			Presenter(s)	Affiliation
11:00 AM - 1:00 PM	1	Maximizing the light olefin production by co-feeding of light hydrocarbon with heavy fraction (VGO) in the steam catalytic cracking system	Musaed Al Gharmi	Saudi Armco
	2	Energy Conservation through Insulation Type Upgrade	Muhammad Alahmadi	YASREF
	3	Packinox Decoking	Mahmood Al Mahrouqi	OQ
	4	Maximize SAF production with existing assets : Axens' portfolio of solutions from HVO to Alcohol feedstocks	Marc Elia & Alexandre Javidi	Axens
	5	Trouble Shooting of Amine System in Hydrogen Sulfide Removal Unit of Clean Fuel Project in KNPC-MAA Refinery to avoid frequent unit shutdown	Fahad AL-Ajmi & Mohammad Alhasawi	KNPC
	6	Acetone from Contamination to value addition product Plastics	Ahmed Mohammed Alsuwaidi	ADNOC Refining
	7	Enabling 'Future-Ready' Aromatics Complex with UOP Technologies	Naiyl Rashid	Honeywell UOP
	8	Can we kill flare smoking while reducing steam consumption? Yes!	Carlos Preciso	Sadara Chemical Company
	9	Characterization of Counter-current Downer Hydrodynamics and Clustering Phenomena in Different Reactor Zones	Talal Aldugman & Mengmeng Cui	KAUST
	10	New technology innovation in PNA (Paraffin, Naphthenic, Aromatic) measurement	Rafat Alsrouji & Zimit Zakkar	Saudi Aramco Base Oil Company & Gulf Bio analytical group



DIGITAL POSTERS

October 1st 2025

Digital Poster Session 4			EXHIBITION HALL	
			Presenter(s)	Affiliation
1:00 PM - 3:00 PM	1	Highly Active Heterogeneous Catalyst for Ethylene Dimerization Prepared by Selectively Doping Ni on the Surface of a Zeolitic Imidazolate Framework	Xinglong Dong	Aramco
	2	Accelerating catalyst discovery through high-throughput experimentation integrated with advanced modelling: Transalkylation as a case-study	Vera Patricia Silva Castro	Saudi Aramco
	3	High Performance membrane process for chemical dehydration enabling intensive decarbonization	Ashwin Ravi Sankar	SABIC
	4	Decarbonizing Petroleum: Global Strategies, IOC Actions, and the Middle East Advantage in Reducing CO ₂ Emissions	Raj Jhajharia	Becht
	5	Advancing Post-Combustion Carbon Capture: Innovative Solutions for a Sustainable Future	Ayman Salamah	Honewell UOP
	6	Disruptive Techniques for the Development of Advanced Materials: Enabling Sustainable solutions for Decarbonization and the Energy Transition	Maria Rivas	Aramco
	7	Optimising Maintenance Workflow and Management System With Oil & Gas Industry	Hasan Rafiey	Bapco Refining
	8	Failure Begins with Behavior: Redefining Assets Reliability in the Downstream Industry	Bladimir Gomez	Bapco Refining

DIGITAL POSTERS

October 1st 2025

Digital Poster Session 5			EXHIBITION HALL	
			Presenter(s)	Affiliation
3:00 PM - 5:00 PM	1	AI-Driven Wastewater Treatment Optimization for Sustainable Refinery Operations: A Case Study at KNPC – Mina Abdullah Refinery	Bader A Jamal & Nayef Almutairi	KNPC
	2	Digital Refinery – Transforming Operations with Innovative Digital Operator Rounds and Checklists at KNPC	Abdullah Aljarrah	KNPC
	3	Unlocking Workforce Potential: Leveraging Low-Code/No-Code Platforms to Accelerate Digital Transformation in the Downstream Sector	Abdulrahman Jubairy	Aramco
	4	The Role of Advanced Process Control, AI, Automation, and Sustainable Energy Solutions Monitoring & Tracking refinery Flare	Hasan Hasan	KNPC
	5	Unlocking Refinery Potential: UOP Honeywell's Performance+ Services Transforming Operational Efficiency Through Digital Innovation	Sevi Zeynep Tuna	Honeywell
	6	A Multi-faceted AI Approach To Digitizing Industrial Diagrams: Enhancing Accuracy, Efficiency, And Scalability	Omar Aljefri	Aramco
	7	Innovative Bearing Upgrade for Twice the Operational Life	Abdulaziz Alhazmi	SABIC
	8	Downstream Process Availability in Face of Power Disruption Challenges	Abdulla Aldabbous	Saudi Aramco
	9	Investigating Corrosion Mechanisms and Mitigation Strategies of Failure Analysis of Seawater Shipping Line	Dr. Husan Khanfar	Saudi Aramco
	10	Vibration Monitoring in Recips: Saving through capturing potential cases.	Shahid Al Arif	SABIC

DIGITAL POSTERS

October 2nd 2025

Digital Poster Session 6			EXHIBITION HALL	
			Presenter(s)	Affiliation
9:00 AM - 11:00 AM	1	Accelerated and Sustained World Class Reliability Performance Utilizing Solomon Associates RAM Study Results	Khalifa Alsaad	BAPCO Refining
	2	Hybrid Models for Diagnosing and Mitigating Cracked Gas Compressor Fouling	Amod Kumar Pandey	Lummus Technology
	3	PWHT Optimization & Stress Reduction via FEA Based Thermal Stability Analysis	Zubair Ahmad	Aramco
	4	Thermal Incinerator Design associated Integrity Issues in System	Arun John	SASREF
	5	Tackling Flue Gas Dew Point Corrosion in Air Preheaters: A Case Study and Innovative Mitigation Strategies	Sukumar Dasari	YASREF
	6	New Gasket Design on HCK Lip Seal Exchanger	Amin Khalipe	YASREF
	7	Driving Reliability Excellence through Electrical Systems Management Platform	Muhammad Mallick & Amer Alsieri	Saudi Aramco
	8	Mitigating Risks and ensuring operational resilience through a holistic Single Point of Failure Framework	Abbas Hazai & Mohamed Saada	Aramco & Saudi Aramco
	9	The Transformative Shift from Conventional to advanced Real-Time Digital Inspections	Zahrah Altarooti	Aramco
	10	How Improved Anti-Surge Protection Prevented repeated Air Intake Filter Fires	Ahmad Alnasser	SABIC

DIGITAL POSTERS

October 2nd 2025

Digital Poster Session 7			EXHIBITION HALL	
			Presenter(s)	Affiliation
11:00 AM - 1:00 PM	1	While Modernizing, Don't Forget the Old Units – A Success Story of Bapco Refining's Catalytic Reforming Unit	Alpesh Gurjar & Wafa Alalqam	BAPCO Refining
	2	Integrating gap analysis with process optimization: A case study from KNPC-MAA ARD U-141	Fahad Alqahtani	KNPC
	3	Smart Adaptive Wash Water Injection System for Hydrotreaters – Optimizing Water Management Through Real-Time Monitoring and Control	Salah Alhajri	KNPC
	4	Overcoming Challenges to Meet New ATK Specifications at KNPC	Bashayer Alazmi	KNPC
	5	Ethane Cracker Furnace Coil Life Extension	Chaeung Im	Petro Rabigh
	6	Microbiological and Compositional Analyses of Samples from Diesel Pipeline	Mohammed Sindi & Xiangyang Zhu	Saudi Aramco
	7	WWTP Sludge Processing in DCU	Balqees Al Hattali	OQ
	8	OQRPI Catalyst Change with less Pt content	Mubarak Alsuti	OQ
	9	Advanced Process Solutions Driving Value Chain Optimization in Refinery Operation	Ali Altayeb	Aramco

DIGITAL POSTERS

October 2nd 2025

Digital Poster Session 8			EXHIBITION HALL	
			Presenter(s)	Affiliation
1:00 PM - 3:00 PM	1	Sustainable Aviation Fuel (SAF)	Reem Ahmad	KNPC
	2	K12 Incubator	Nooruddin Ahmed	Certero Business Corporation
	3	Refinery Start-Up and 110% Ramp-Up	Mahdi Jawaheri	OQ8
	4	C4SHU (Selective Hydrogenation Unit) Butene-1 Yields Improvement	Salima Ali	OQ
	5	Hydrogen Production via Catalytic Gasification of Microalgae Biomass using Machine Learning Based Multi-Input-Multi-Output Modeling (MIMO)	S.M. Zakir Hossain	University of Bahrain
	6	Refinery Supply Chain Optimization with Scheduling Model (APS)	Laila Al Balushi	OQ
	7	Digital Dexterity: Building Capabilities in the Era of AI	Halda Alfadagee	KIPIC
	8	Real-Time Visualization of IIoT Data Using AR	Faisal Almarsharawi	AI Global Company
	9	Developing Competency-Based Training for Safe and Efficient Commissioning and Startup of Process Units in Bahrain Modernization Program.	Sayed Sadiq Kadhem	Bapco Refining



PROGRAM CONTENT COMMITTEE MEMBERS

No	Name	Company
1	Abdalaziz Albalawi	Saudi Aramco
2	Abdulaziz Khajah	Kuwait National Petroleum Company (KNPC)
3	Abdulaziz AlSheehah	Kuwait Petroleum International (KPI)
4	Abdullah AL Hamdi	Kuwait National Petroleum Company (KNPC)
5	Abdullah Almandani	Kuwait National Petroleum Company (KNPC)
6	Abdulrahman Alrumaidh	Bapco Refining
7	Adnan Alsabti	Kuwait National Petroleum Company (KNPC)
8	Ahmad Albasri	Kuwait Integrated Petroleum Company (KIPIC)
9	Ahmed Abdullah	OQ8
10	Ahmed Al Mulhim	Saudi Aramco
11	AHMED ALBULUSHI	OQ8
12	Ahmed Haouari	Saudi Aramco
13	Ahmed Ismail	SASREF
14	ALBERTO MIGUEL	IDOM CONSULTING, ENGINEERING AND ARCHITECTURE
15	Alessandro Lietti	Kuwait Petroleum International (KPI)
16	Alex Guerra	IDOM CONSULTING, ENGINEERING AND ARCHITECTURE
17	Ali Albaqshi	Kuwait National Petroleum Company (KNPC)
18	Ali Rashid Alshehhi	ADNOC Refining
19	Ali Mohamed Jaffar	Bapco Refining
20	Ali Waleed Saleh Alqallaf	Kuwait National Petroleum Company (KNPC)
21	Alyazeed Alanazi	Kuwait National Petroleum Company (KNPC)
22	Aneesh Mohanan	Yokogawa
23	Ankush Dehankar	Topsoe A/S
24	Anood Taher	ADNOC Refining
25	Antonio Scatigno	Saudi Aramco
26	Anwar Khawajah	Saudi Aramco
27	Arnold Henry	Worley
28	Bader Al Harbi	Kuwait National Petroleum Company (KNPC)
29	Barinder Ghai	Alleima
30	Bassam Jayed Taher Al-Shammari	Kuwait National Petroleum Company (KNPC)
31	Carlos Gutierrez	Worley
32	Chirs Van Der Beek	Becht
33	Dhanasekar Periyasamy	AspenTech
34	Dr. Basim Ahmed Abussaud	KFUPM
35	Dr. Hayat Abdulla Yousuf	University of Bahrain
36	Dr. Sajid Ali Yousuf Zai	ROI-ME
37	Dr.Mohammed Alotaibi	Kuwait Petroleum International (KPI)
38	Emad Al-Muhaisen	Saudi Aramco
39	Farah Shehab	Kuwait National Petroleum Company (KNPC)
40	Faraj Almarri	SASREF Refinery



PROGRAM CONTENT COMMITTEE MEMBERS

No	Name	Company
41	Fatema AL-Maqbali	OQ
42	Gurminder Singh	Shell Catalyst & Technologies
43	Hadla S. AlFedaghi	Kuwait National Petroleum Company (KNPC)
44	Hamed Alazemi	Kuwait Integrated Petroleum Industries Company (KIPIC)
45	Harbeyah Saleh Alenzi	Kuwait National Petroleum Company (KNPC)
46	Husain Almesry	Kuwait Integrated Petroleum Industries Company (KIPIC)
47	Jad Abou Charbine	Axens
48	Jamilah Abdullah Ead Almutairi	Kuwait National Petroleum Company (KNPC)
49	Joseph Ibrahim	Axens
50	Juan Carlos Latasa	IDOM CONSULTING, ENGINEERING AND ARCHITECTURE
51	Mahdi Jawaheri	OQ8
52	Mahmood Al Khaziri	OQ8
53	Mahmood Dashti	Bapco Refining
54	Maktoum Al-Hamdi	OQ
55	MARIAM ALMESHAL	Kuwait National Petroleum Company (KNPC)
56	Marwan Alomari	SASREF
57	Mohamed Ahmed Almahdi	Bapco Refining
58	Mohammad Al-Ansari	Kuwait National Petroleum Company (KNPC)
59	Mohammad Saleh Al-Turaiji	Kuwait Petroleum International (KPI)
60	Mohammed Benchekchou	Topsoe A/S
61	Mohammed Mansoor	Bapco Refining
62	Muhammad Albuti	Kuwait Petroleum International (KPI)
63	Muhammad Ghilzai	Worley
64	Muneef Alshameeri	Bapco Refining
65	Nihar Gulwadi	Ingenero Inc (USA)
66	Raj Jhajharia	Becht
67	Saifuddin Sheikh	Aspen Technology
68	Sanad Alaamri	OQ8
69	Sarah Tahseen Jaber AbuTabikh	Kuwait National Petroleum Company (KNPC)
70	Sulaiman Almutairi	Kuwait National Petroleum Company (KNPC)
71	Thamer Alahmari	SASREF
72	Wael Shaban	Egyptian Refining Company
73	Waleed Al Maqbali	OQ
74	Yaqoub AlAli	Kuwait Integrated Petroleum Industries Company (KIPIC)
75	Yasmeen Hussain	Kuwait National Petroleum Company (KNPC)



GENERAL INFORMATION AND TIMETABLE



Venue
Exhibition World Bahrain
Halls 7 and 8



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Exhibition Name
IDCE 2025 – International
downstream conference
& Exhibition 2025



Exhibition Dates
30th September – 2nd
October 2025

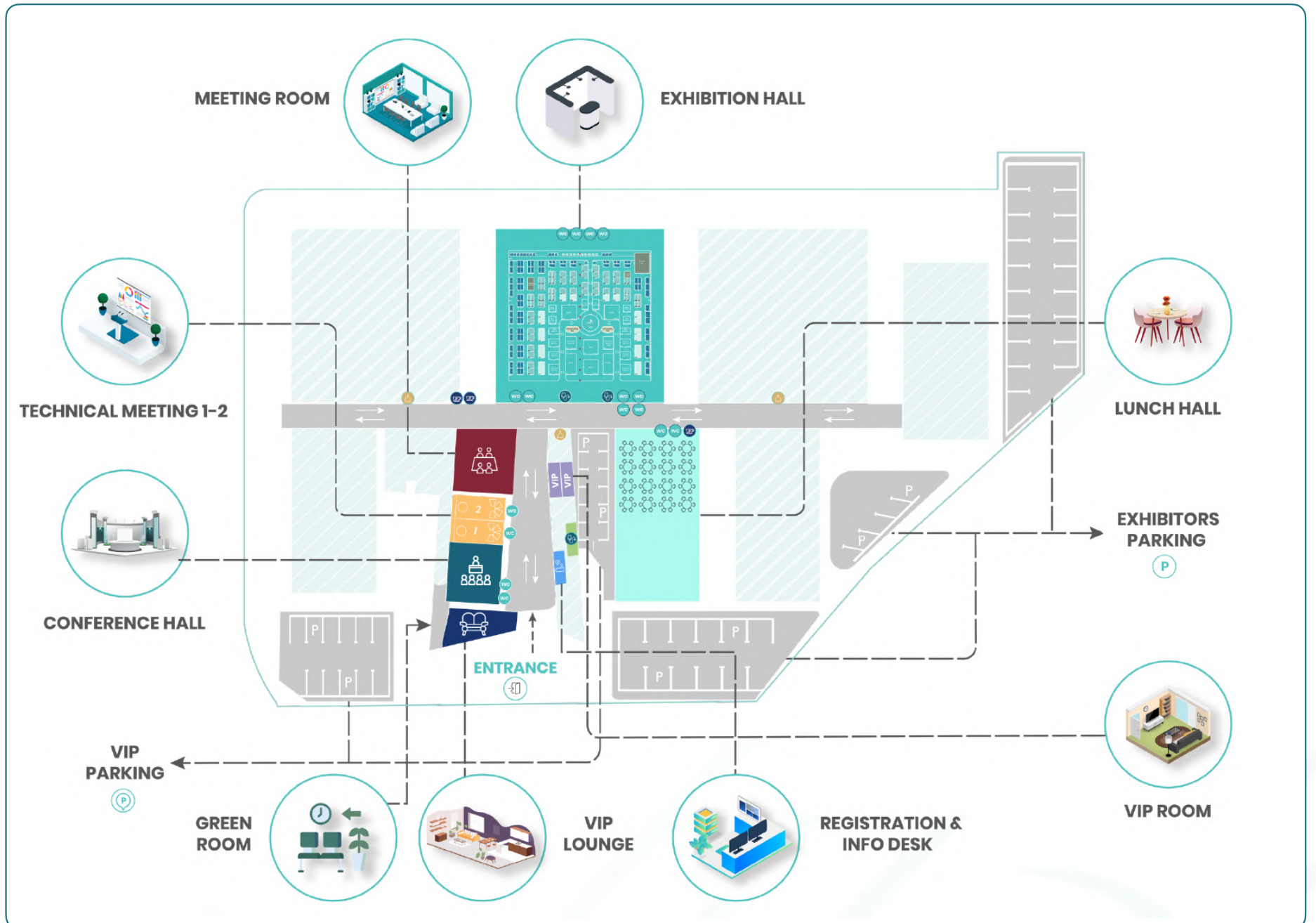


Exhibition Website
www.idce.bh

EXHIBITION OPENING HOURS

Day	Date	Exhibitors Time	Visitors Time
Tuesday	30 September 2025	9:00 AM – 5:00 PM	1:00 PM – 5:00 PM
Wednesday	1 October 2025	9:00 AM – 5:00 PM	9:00 AM – 5:00 PM
Thursday	2 October 2025	9:00 AM – 5:00 PM	9:00 AM – 5:00 PM

VENUE FACILITIES



Main Entrance

Drop in/out - Registration Area



Exhibition Hall

- GDA Booth
- Matchmaking Hub
- Technical Pods
- Youth Hub
- Business Center
- Media Center



Meeting Room



Technical Meeting



Conference Hall



Green Room



VIP Lounge



VIP Room



Registration & Info Desk



Lunch Hall



Exhibitors Parking



Medical Rooms



Prayer Rooms



Coffee Stations



Restrooms



VIP Parking



YOUTH PULSE PROGRAM

PROGRAM OVERVIEW

The Youth Program at the conference is designed to inspire, engage, and empower young participants through a variety of interactive activities, workshops, and discussions. The program equips youth with leadership skills, enabling them to initiate and lead impactful projects in their communities and beyond. The program also encourages innovation and creativity by promoting hands-on problem-solving and critical thinking. Participants will have numerous opportunities for collaboration, networking, and mentorship, enabling them to learn from peers and experienced leaders alike. In addition, the program highlights the achievements and talents of young leaders across diverse fields while supporting personal growth by building confidence, resilience, and a commitment to lifelong learning.

Overall, this program provides a dynamic platform for youth to connect, learn, and contribute meaningfully. A full agenda with detailed activities is attached for your reference.



"As the Youth Program Chairman, I am excited to lead an initiative that nurtures the potential and passion of emerging talents. IDCE 2025's Youth Pulse Program provides a platform for the next generation to learn, connect, and be inspired by industry leaders. We aim to equip them with the knowledge and skills they need to contribute to a more sustainable and innovative energy future.

Together, we will shape a brighter tomorrow."

Dr. Basim Abussaud
KFUPM





YOUTH PULSE PROGRAM

AGENDA

Time	SEPTEMBER 30TH	OCTOBER 1ST	OCTOBER 2ND
8:30 – 9:00		Treasure Hunt Announcement	
9:00 – 9:30		AI-Driven Process Simulation to Develop Industrial Scale Models	Own Your Emotions: A Quick Guide to Emotional Intelligence Workshop
9:30 – 10:00			
10:00 – 10:30		Refining Integration & Leadership Impact	Crack it and Pitch it: The Downstream Challenge Competition
10:30 – 11:00	Youth Opening Remarks		
11:00 – 11:30	Purpose driven Leadership	Digitalization Powered by IMOMS: The Value of Data Quality in Process Industries	AI/ML Disruption in Oil & Gas: Beyond Conventional Practices
11:30 – 12:00			
12:00 – 12:30	Fuel Hour / Aspen Academic Exam	Fuel Hour	Beyond Degrees: PMI Pathways to Future Leaders' Success
12:30 – 13:00			Fuel Hour
13:00 – 13:30	The Building Blocks of Resilience	From Data to Dollars: Rapid-Fire Debate on Transformation Enablers	Momentum Matters: A Startup's Journey to Impact
13:30 – 14:00	Executive Forum	Youth Leadership	Youth Closing Ceremony & Raffle Draw
14:00 – 14:30		Spark Leadership	
14:30 – 15:00	3d Design and Printing Fundamentals		
15:00 – 15:30			
15:30 – 16:00	Personal Branding (Brand You)	Technical Debate Competition	
16:00 – 16:30			
16:30 – 17:00	Raffle 1	Raffle 1	

PLAN YOUR VISIT

WELCOME TO THE KINGDOM OF BAHRAIN

The Kingdom of Bahrain is a modern and welcoming destination that ensures a smooth and comfortable experience for both international and regional visitors. The capital city is Manama, the official language is Arabic, and English is widely spoken.

The local currency is the Bahraini Dinar (BHD), and the time zone is GMT+3. Expect warm, dry weather in September and October, with average temperatures ranging from 30–35°C.

ARRIVAL, ACCOMMODATION & TRANSPORTATION

Bahrain International Airport is located approximately 30 minutes from the event venue Exhibition World Bahrain (EWB). Transportation options include: Taxis, Uber, Careem, hotel shuttles, and car rental services. For your convenience, here is [list of recommended hotels](#) is available on the IDCE official website

ENTRY & VISA REQUIREMENTS

Many nationalities are eligible for a visa on arrival or can apply for an eVisa. Passports must be valid for at least 6 months from the date of entry. For full details and eligibility, [visit: www.evisa.gov.bh](http://www.evisa.gov.bh)

USEFUL INFORMATION

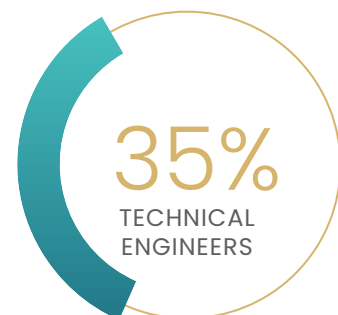
- Electricity: 230V, UK-style plug (Type G)
- Dress code: Modest attire is recommended in public areas
- Emergency Number: 999 (Police, Ambulance, Fire)



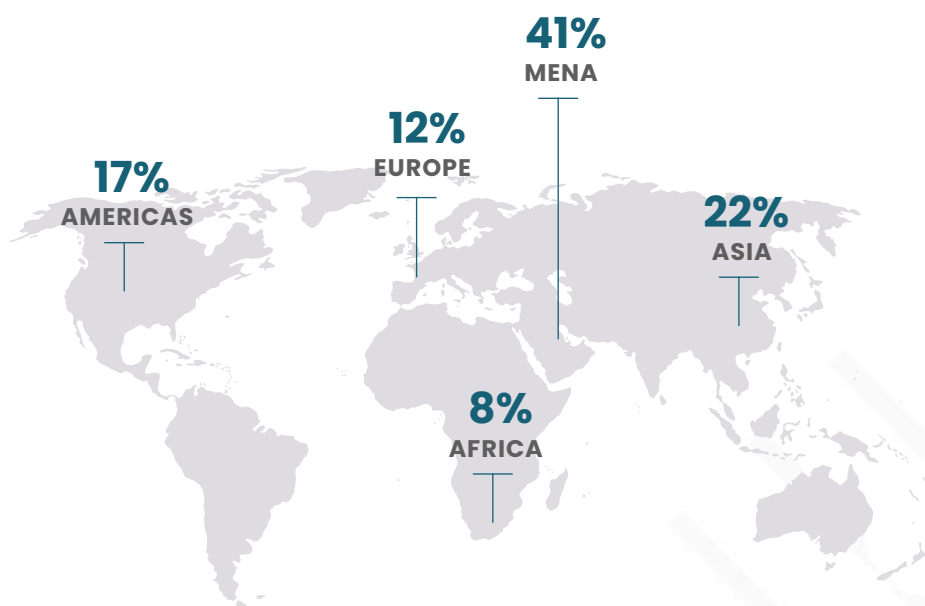
WHY ATTEND THE IDCE CONFERENCE?

- Gain unparalleled insights from world-class technical experts and business leaders.
- Expand your knowledge by participating in one of the industry's largest technical events.
- Connect with engineers from diverse oil and gas sectors and explore their unique operational challenges.
- Access exclusive post-event online resources, including all technical abstracts shared during the conference.

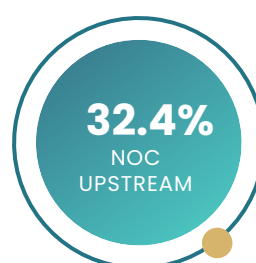
ATTENDEES BY SENIORITY



ATTENDEES BY GEOGRAPHY



ATTENDEES BY SECTOR



S&P GLOBAL COMMODITY INSIGHTS

Official Knowledge Partner – IDCE 2025

We are proud to welcome S&P Global Commodity Insights as the official Knowledge Partner for the International Downstream Conference & Exhibition (IDCE) 2025.

A globally recognized authority in energy and commodities markets, S&P Global Commodity Insights delivers industry-leading data, analytics, and forecasts that power decision-making across the entire energy value chain. Its expertise spans oil, gas, refining, petrochemicals, and the energy transition – offering deep insights into pricing, market trends, regulatory developments, and emerging investment opportunities.



Knowledge Powered by Insight

In partnership with S&P Global Commodity Insights, IDCE 2025 delivers world-class data, forecasts, and market intelligence – shaping the future of the downstream sector with clarity, credibility, and global perspective.

As Knowledge Partner, S&P Global Commodity Insights will play a central role in shaping the conference's thought leadership program – bringing timely, data-driven perspectives that frame critical conversations in the downstream sector. From exclusive keynote speeches and expert panels to in-depth technical sessions, their contributions will deliver clarity and direction during this pivotal period of industry transformation.

This collaboration ensures that IDCE 2025 remains a content-rich platform where global stakeholders can access credible intelligence, challenge conventional thinking, and explore innovative solutions for a more resilient and sustainable downstream future.

Through this strategic partnership with S&P Global Commodity Insights, IDCE 2025 sets a new standard in knowledge-sharing, insight, and value for delegates, sponsors, and partners alike.

ABOUT GDA

Gulf Downstream Association (GDA) is a non-profit organization founded by leading regional energy companies: Aramco, KPI, BAPCO, KNPC, ADNOC, and OQ. It fosters collaboration, knowledge sharing, and industry development across the Downstream sector.



For More, Visit [GDA website](#)

GDA FOUNDING MEMBERS



CORE VALUES

- Collaborate and network to promote knowledge sharing.
- Providing high-quality services with the best value.
- Promote innovation & continuous development.
- Fostering excellence in all activities.
- Supporting and championing sustainability.
- Strive to be a respected institution driving the downstream industry.



OBJECTIVES

- Strengthen collaboration and networking.
- Advance technical capabilities across the industry.
- Partner with technology providers and experts.
- Support policy and regulatory development.
- Facilitate data and knowledge sharing.

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Business Admin Support, Supervisor

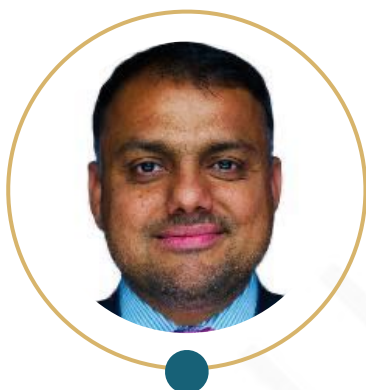
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Faisal Y. Al-Dossary

Sr. Marketing Coordinator, Fuels



PMO

Eman Jamal AlKhonaifer

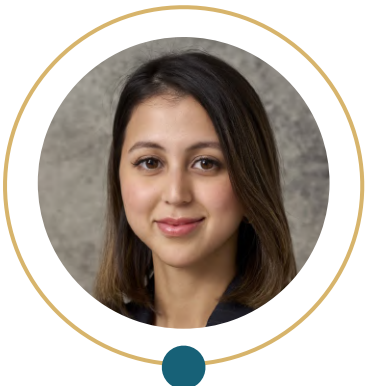
Engineer, Ras Tanura Refinery



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Executive Communication

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Senior Affiliate Advisor, Fuels Business Management



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Senior Controller, External Communications



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Maram Janahi

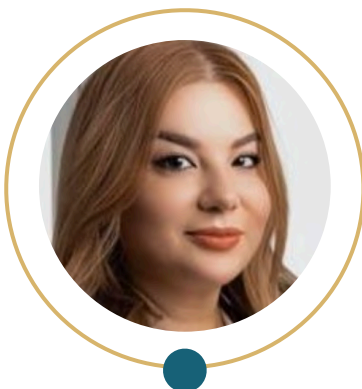
GDA Communication Manager



VIP & Protocol

Reem Ebrahim

Manager Events and Protocols



VIP & Protocol

Ameena Meamari

Manager Internal Events & Protocol



VIP & Protocol

Fawziah S. Alajmi

Lab Scientist



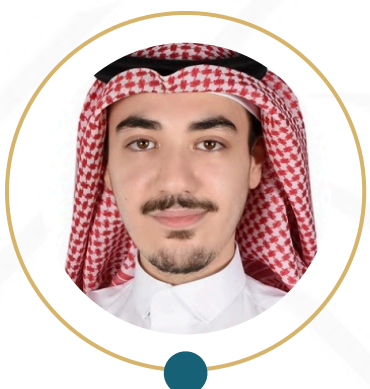
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SUMMARY CONCLUSION

The event is structured across two integrated tracks:

The Strategic Conference (*keynotes, panels, leadership dialogues*) and The Technical Conference (*Industry Dialogues, paper presentations, posters*). Each day begins with high-level sessions addressing macro trends and leadership themes, followed by technical deep-dives and innovation showcases. Eight Industry Dialogues bridge strategic vision with technical sub-themes, ensuring alignment across sessions.

The program concludes with invited technical presentations and poster exhibitions, enabling participants to share cutting-edge research and practical solutions. The format is designed to foster cross-functional insight and industry collaboration, bringing together C-suite leaders, technology providers, regulators, and operators. Participants gain access to emerging trends in AI, new fuels and digitalization, while building connections across the downstream value chain for meaningful engagement and sustainable innovation.

International Downstream Conference & Exhibition 2025

INNOVATING ENERGY, CREATING SUSTAINABLE VALUE



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