



## "الذكاء الاصطناعي ومستقبل الوقود الأحفوري والطاقة" "Artificial Intelligence and the Future of Fossil Fuels and Energy"

الخميس 17 أبريل 2025 - من الساعة 11:00 صباحاً حتى 1:00 ظهراً (بنو قيت مكة المكرمة)  
Thursday, April 17, 2025. 11:00 AM - 1:00 PM  
مير منصة MICROSOFT TEAMS

## "Artificial Intelligence and the Future of Fossil Fuels and Energy"

THURSDAY, APRIL 17, 2025. 11:00 AM - 1:00 PM

Artificial Intelligence (AI) is revolutionizing the energy sector, transforming the way fossil fuels are explored, produced, and managed while accelerating the transition to a more sustainable energy future. This presentation examines the pivotal role AI plays in shaping the next phase of energy evolution, balancing efficiency, innovation, and sustainability.

AI-driven solutions are optimizing upstream and downstream operations, enhancing predictive maintenance, improving reservoir management, and mitigating risks across the energy value chain. By leveraging machine learning, big data analytics, and automation, AI is enabling energy companies to reduce costs, minimize emissions, and enhance operational resilience. However, AI's increasing computational demand also raises new challenges related to energy consumption and carbon footprint.

The presentation also explores the evolving role of fossil fuels in the AI-driven energy landscape, highlighting smart and circular energy approaches, the integration of AI in carbon capture and storage (CCS), and its role in advancing energy transition strategies. Additionally, geopolitical factors, emerging oil discoveries, and the race for critical minerals essential for AI and renewable technologies are analyzed. By uncovering the interplay between AI and fossil fuels, this discussion provides a forward-looking perspective on how artificial intelligence is shaping the energy industry's future, redefining sustainability, and driving innovation in the era of digital transformation.

### Speakers



**Dr. Mohammed Al-Rashidi**  
(Speaker and Moderator)  
Director of Energy Department  
at the General Secretariat of  
the Cooperation Council  
(GCC-SG)



**Eng. Hesham Zubari**  
Regional Director  
Society of Petroleum  
Engineers (SPE) for MENA  
Region



**Dr. Mohammad A. AlKazimi**  
Chief Upstream Oil Industry  
Analyst, Energy Studies  
Department  
(OPEC)



**Mr. ABDULFATTAH AREFI DANDI**  
Director of Economics Dept.  
and Supervisor of Media and  
Library dept.  
(OAPEC)

### Registration link

<https://events.teams.microsoft.com/event/4bbd27fc-5686-48cc-8d8b-19d8f78c329a@9c021be8-508f-4638-b1df-52b0e3c615ac>

### Registration QR

