

SCHEDULE AT A GLANCE

Day 1: Tuesday 12th November 2024

Time		
7:15	Registration is open	
8:00	Welcome address and safety notices / AI Dana Room	
8:15	Keynote speaker / AI Dana Room	
8:30	Tutorial 1: ME24_14 - Enhancing Sustainable Hydrogen Production: The Role of Carbon Capture Storage in Transitioning from Blue to Green Hydrogen Gaydaa AlZohbi Prince Mohamad Bin Fahd University AI Dana Room	
10:00 – 10:30	Break & Sponsors tables / Okaz Hall	
	Mawad 1&2 Room	Mawad 4&5 Room
10:30	Paper 1: ME24_03 - Power Factor Compensation with Synchronous Motors Abdulrahman Alfudaili (SABIC-KEMYA)	Paper 2: ME24_XX - How digital enables Carbon Footprint implementation? Jean Guilhem (2B1st Consulting)
11:15	Paper 3: ME24_15 - High Availability Variable Speed Drive Syst. for Critical Oil & Gas Application Umesh Mandlekar (Innomotics)	Paper 4: ME24_13 - Proactive Asset Intelligence: AI-Driven Solutions for Asset Integrity Abdullah Almontasheri (AVEVA)
12:00 – 13:30	Prayer, Lunch & Sponsors tables / Okaz Hall	
13:30	Paper 5: ME24_11 - Power and Process Combined Simul.: Novel Approaches to Design Validation Hisham Khan (Schneider Electric)	Paper 6: ME24_01 – E&I System Integration in Petrochemical Plants Majdi Alfaraaj (SABIC)
14:15	Paper 7: ME24_XX - Current Limiting Fuses Evaluation on Low Voltage Security Selective Systems Rakan El-Mahayni (Saudi Aramco)	Paper 8: ME24_09 - Redundant VSD Systems for Critical Compressors – Implementation - Case Study Axel Rauber (ABB Switzerland Ltd.)
15:00	End of the day & Sponsors tables / Okaz Hall	

Paper category / paper topic

Technology & Innovation

Sustainability

Automation & Digitalization

Maintenance & Reliability

SCHEDULE AT A GLANCE

Day 2: Wednesday 13th November 2024

Time		
7:15	Registration is open	
8:25	Safety notices / AI Dana Room	
8:30	Tutorial 2: ME24_XX - Condition monitoring of key electric failure modes in high voltage electrical rotating machines Hector Bordegaray (General Electric) AI Dana Room	
10:00 – 10:30	Break & Sponsors tables (Okaz Hall)	
	Mawad 1&2 Room	Mawad 4&5 Room
10:30	Paper 9: ME24_07 - Electrical System Design for Equipment Manufactured with Different Standard Rajendrakumar Pal (SABIC)	Paper 10: ME24_16 - Structural Approach to Maximize System Availability Abdulla Aldabbous (Saudi Aramco)
11:15	Paper 11: ME24_02 - Revisiting Derating Factors for Cables Installed in Ladder trays Chirantan Gupta (SABIC)	Paper 12: ME24_12 - Challenging the 40 Cal/Cm ² Threshold: PPE & Arc Hazards Reevaluation Ahmed Samir (Future Technologies Ltd.)
12:00 – 13:30	Prayer, Lunch & Sponsors tables (Okaz Hall)	
13:30	Paper 13: ME24_06 - Hybrid Battery Energy Storage System and Supercapacitor Framework for Frequency Omar Alsolaia (SABIC-KEMYA)	Paper 14: ME24_10 - Predictive Maintenance of Electrical Machines Using ESA and ML Techniques Naga Durga Tirumala Rao Kasarabada (General Electric Power Conversion)
14:15	Paper 15: ME24_08 - Hydrogen Applications in Process Industries Ihab Zourob (Roxtec Middle East)	Paper 16: ME24_04 - Lessons Learned Through Commissioning, Liveness and Operating Switchgear: Part 3 Kumail Al Salam (Schweitzer Engineering Laboratories, Inc.)
15:00	End of the day and Sponsors tables	

Paper category / paper topic
Technology & Innovation
Sustainability
Automation & Digitalization
Maintenance & Reliability