

## SCHEDULE AT A GLANCE

### Day 1: Tuesday 12<sup>th</sup> November 2024

Time		
7:15	Registration is open	
8:15	Welcome address and safety notices / <b>AI Dana Room</b>	
8:30	<p><b>Tutorial 1:</b> 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 <b>AI Dana Room</b></p>	
10:00 – 10:30	Break & Sponsors tables / <b>Okaz Hall</b>	
	<b>Mawad 1&amp;2 Room</b>	<b>Mawad 4&amp;5 Room</b>
10:30	<p><b>Paper 1:</b> ME24_03 - Power Factor Compensation with Synchronous Motors Abdulrahman Alfudaili (SABIC-KEMYA)</p>	<p><b>Paper 2:</b> ME24_09 - Redundant VSD Systems for Critical Compressors – Implementation - Case Study Axel Rauber (ABB Switzerland Ltd.)</p>
11:15	<p><b>Paper 3:</b> ME24_15 - High Availability Variable Speed Drive Syst. for Critical Oil &amp; Gas Application Umesh Mandlekar (Innomotics)</p>	<p><b>Paper 4:</b> ME24_13 - Proactive Asset Intelligence: AI-Driven Solutions for Asset Integrity Abdullah Almontasheri (AVEVA)</p>
12:00 – 13:30	Prayer, Lunch & Sponsors tables	
13:30	<p><b>Paper 5:</b> ME24_11 - Power and Process Combined Simul.: Novel Approaches to Design Validation Hisham Khan (Schneider Electric)</p>	<p><b>Paper 6:</b> ME24_01 - E&amp;I System Integration in Petrochemical Plants Majdi Alfaraj (SABIC)</p>
14:15	<p><b>Paper 7:</b> ME24_18 - Current Limiting Fuses Evaluation on Low Voltage Security Selective Systems Rakan El-Mahayni (Saudi Aramco) <b>AI Dana Room</b></p>	
15:00	End of the day & Sponsors tables / <b>Okaz Hall</b>	

## SCHEDULE AT A GLANCE

### Day 2: Wednesday 13th November 2024

<b>Time</b>		
7:15	Registration is open	
8:25	Safety notices / AI Dana Room	
8:30	<p><b>Tutorial 2:</b> ME24_17 - How digital enables Carbon Footprint implementation? Jean Guilhem (2B1st Consulting) <b>AI Dana Room</b></p>	
10:00 – 10:30	Break & Sponsors tables (Okaz Hall)	
	<b>Mawad 1&amp;2 Room</b>	<b>Mawad 4&amp;5 Room</b>
10:30	<p><b>Paper 8:</b> ME24_07 - Integrating Electrical Equipment Designed with Different Standard (ANSI and IEC) Rajendrakumar Pal (SABIC)</p>	<p><b>Paper 9:</b> ME24_16 - Structural Approach to Maximize System Availability Abdulla Aldabbous (Saudi Aramco)</p>
11:15	<p><b>Paper 10:</b> ME24_02 - Revisiting Derating Factors for Cables Installed in Ladder trays Chirantan Gupta (SABIC)</p>	<p><b>Paper 11:</b> ME24_12 - Challenging the 40 Cal/Cm<sup>2</sup> Threshold: PPE &amp; Arc Hazards Reevaluation Ahmed Samir (Future Technologies Ltd.)</p>
12:00 – 13:30	Prayer, Lunch & Sponsors tables	
13:30	<p><b>Paper 12:</b> ME24_06 - Hybrid Battery Energy Storage System and Supercapacitor Framework for Frequency Omar Alsolaia (SABIC-KEMYA)</p>	<p><b>Paper 13:</b> ME24_04 - Lessons Learned Through Commissioning, Liveness and Operating Switchgear: Part 3 Kumail Al Salam (Schweitzer Engineering Laboratories, Inc.)</p>
14:15	<p><b>Paper 14:</b> ME24_08 - Safety Barriers for Hydrogen Applications in Process Industries Carlos Lazo (Roxtec) <b>AI Dana Room</b></p>	
15:00	Closing / AI Dana Room	