

SCHEDULE AT A GLANCE (1st draft)

Day 1: Tuesday 12th November 2024

Time	Room 1	Room 2
7:15	Registration is open	
8:00	Welcome address and safety notices	
8:15	Keynote speaker: Saudi Aramco's Chief Engineer	
8:30	Tutorial 1: Protecting ICS from Malware: A Penetration Testing Approach. Mahmoud Khalifa (Security Engineering Lab at Prince Sultan University.)	
10:00 – 10:30	Break & Sponsors tables	
10:30	Paper 1: Power Factor Compensation with Synchronous Motors Salem Alshahrani (SABIC-KEMYA)	Paper 2 (TBC): Digital Transformation of Asset Management Systems: Revolutionizing Business Joe Shaughnessy (IRISS)
11:15	Paper 3: High Availability Variable Speed Drive Syst. for Critical Oil & Gas Application Umesh Mandlekar (Innomotics)	Paper 4: Proactive Asset Intelligence: AI-Driven Solutions for Asset Integrity Abdullah Almontasheri (AVEVA)
12:00 – 13:30	Prayer, Lunch & Sponsors tables	
13:30	Paper 5: Power and Process Combined Simul.: Novel Approaches to Design Validation Hisham Khan (Schneider Electric)	Paper 6: Electrical and Instrument Control Systems Integration in Petrochemical Plants Majdi Alfaraj (SABIC)
14:15	Paper 7: Application of Hybrid Grounding Systems - Case Study of STG Grounding at Refinery Satish Chandra Kurapati (Saudi Aramco)	Paper 8: Structural Approach to Maximize System Availability Abdulla Aldabbous (Saudi Aramco)
15:00	End of the day & Sponsors tables	

Paper category / paper topic

Technology & Innovation

Sustainability

Automation & Digitalization

Maintenance & Reliability

SCHEDULE AT A GLANCE (1st draft)

Day 2: Wednesday 13th November 2024

Time	Room 1	Room 2
7:15	Registration is open	
8:25	Safety notices	
8:30	Tutorial 2: How to use digital to create value from carbon footprint reduction? Jean Guilhem (2b1consulting)	
10:00 – 10:30	Break & Sponsors tables	
10:30	Paper 9: Electrical System Design for Equipment Manufactured with Different Standard Rajendrakumar Pal (SABIC)	Paper 10: Redundant VSD Systems for Critical Compressors – Implementation - Case Study Axel Rauber (ABB Switzerland Ltd.)
11:15	Paper 11: Revisiting Derating Factors for Cables Installed in Ladder trays Chirantan Gupta (SABIC)	Paper 12: Predictive Maintenance of Electrical Machines Using ESA and ML Techniques Naga Durga Tirumala Rao Kasarabada (General Electric Power Conversion)
12:00 – 13:30	Prayer, Lunch & Sponsors tables	
13:30	Paper 13: Hybrid Battery Energy Storage System and Supercapacitor Framework for Frequency Salem Alshahrani (SABIC-KEMYA)	Paper 14: Challenging the 40 Cal/Cm ² Threshold: PPE & Arc Hazards Reevaluation Ahmed Samir (Future Technologies Ltd.)
14:15	Paper 15: Hydrogen Applications in Process Industries Ihab Zourob (Roxtec Middle East)	Paper 16: Lessons Learned Through Commissioning, Liveness and Operating Switchgear: Part 3 Matthew Watkins (Schweitzer Engineering Laboratories, Inc.)
15:00	End of the day and Sponsors tables	

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