











TURBOMACHINERY HALL

DAY1 - 12th October 2021	
07:30 - 09:00	REGISTRATION & WELCOME COFFEE
09:00 - 09:05	<p>Welcome Address Mamdouh Al Aidarous Senior Engineering Consultant - Saudi Aramco, Technical Chairman - ME RoTIC 2021</p>
09:05 - 09:20	<p>Guest of Honour: ADNOC Gas Processing' successful operation during & beyond pandemic Dr. Saif Sulthan Al Nasser CEO - ADNOC Gas Processing & GM-Industrial Gases</p> 
09:20 - 09:40	<p>Keynote Speech 1: Future of Rotating Machineries Ahmed Mohamed Al Abri Sr. Vice President, Projects and Technicology - ADNOC Gas Processing</p> 
09:40 - 10:10	<p>Technical Paper 1 Asset fault modelling (IMOM) Abdulla Al Malki Division Head Yanbu Refinery, Saudi Aramco</p> <p>Moayad Wali Maintenance Engineering Supervisor Yanbu Refinery, Saudi Aramco</p> 
10:10 - 10:40	<p>Technical Paper 2 Rotating machinery proactive maintenance centralized predictive analytic and diagnostic solution (CPAD) Shaaban Kamal Technical and Engineering Manager - Rotating Equipment - ADNOC Gas Processing</p> 
10:40 - 11:00	Appreciation & Honours
11:00 - 12:00	EXHIBITION INAUGURATION & COFFEE BREAK
SESSION 1	
12:00 - 12:30	<p>Technical Paper 3 Eliminating hydraulic control and trip oil from steam turbines through electrical actuation and self contained hydrostatic trip valves Abdulrahman Alkhowaiter Senior Machinery Consultant - Saudi Aramco</p> 
12:30 -13:00	<p>Technical Paper 4 Your integrated future: The only real way to bring together maintenance, operations, health and safety, asset data and more Callum Brown Sales Engineering Manager - Prometheus Group</p>
13:00 - 14:00	NETWORKING LUNCH BREAK & PRAYER
SESSION 2	
14:00 - 14:30	<p>Technical Paper 5 Successful Story. Steam Turbine Pneumatic Trip Valves Upgrade at South Stabilizers Plant, Abqaiq Plants Abdulaziz Alzahrani Reliability Engineer - Saudi Aramco</p> 
14:30 - 15:00	<p>Technical Paper 6 Green Hydrogen – An Opportunity Today in Middle East Region to Decarbonize Gas Turbine Power Plants and Offer Grid Scale Energy Storage for Renewables Jeffrey Benoit Vice President, Strategy & Marketing - PSM, A Hanwa Company</p>
15:00 - 15:30	<p>Technical Paper 7 High vibration in steam turbine experience in LNG train Ramesh Seshan Team Leader, Rotating Equipment Maintenance - ADNOC LNG</p> <p>Mohammed Khalfan Alaryani Rotating Machinery Engineer ADNOC LNG</p> 
15:30 - 16:00	<p>Technical Paper 8 Taming the Explosion of IIOT Data with 3rd Gen AI Methods and more. Dominic Gallelo CEO - Symphony IndustrialAI</p>
16:00	NETWORKING COFFEE BREAK (END OF DAY 1)

DAY 2 - 13th October 2021	
08:00 - 09:00	REGISTRATION & WELCOME COFFEE
SESSION 3	
09:00 - 09:30	Technical Paper 9 Prominence of correct unit of measurement in vibration analysis Neeraj Pandey Sr. Engineer, Research - ADNOC Gas Processing
	
09:30 - 10:00	Technical Paper 10 Steam turbine retrofit and life time extension Edoardo Busato Regional & Sales Manager - De Pretto Industrie
10:00 - 10:30	Technical Paper 11 Innovation in Predictive Analytics - DIGITAL TWINS Rishikesh Kumar Senior Rotating Equipment Engineer Sadara Chemical Company
	Ahmad Albinsaad Rotating Equipment Engineer Sadara Chemical Company
	
10:30 - 11:00	Technical Paper 12 Gas Turbine Air Filtration: Efficiency And Emissions Carlo Coltri Sales Manager - MANN HUMMEL
11:00 - 11:30 NETWORKING COFFEE BREAK	
11:30 - 12:00	Technical Paper 13 Reducing SFC/MFC contract cycle time Yazeed A. Al-Owaid Reliability Unit Head - Saudi Aramco
	
12:00 - 12:30	Technical Paper 14 "Integrated Turbomachinery Control Designed on DCS Delivers Purpose-built Hardware Performance and Technology" Paul Fisher President - Energy Control Technologies
12:30 - 13:00	Technical Paper 15 Optimising drive train performance and reliability through retrofits and upgrades Altug Bilgic General Manager SULZER
	Michael Johnston Head of Sales & Business Development SULZER
	Filopoulos Theodoros Retrofit Specialist SULZER
13:00 - 14:00 NETWORKING LUNCH BREAK & PRAYER	
SESSION 4	
14:00 - 14:30	Technical Paper 16 Abqaiq plants condition monitoring excellence Abdulmohsen Alrasheed Planning & Scheduling Unit Head - Saudi Aramco
	
14:30 - 15:00	Technical Paper 17 Improve Asset Performance and Reliability through Predictive Analytics Alex Woods Senior Business Value Consultant - AVEVA
15:00 - 15:30	Technical Paper 18 Lean Six Sigma Project to improve FRACAS KPI and Quality Meshari Al-Muhanna Area Maintenance Engineer - Saudi Aramco
	
15:30 - 16:00	Technical Paper 19 Optimum Cryogenic Turboexpander (TEX) Train Controls for NGL Plants Medhat Zaghloul Regional Technology Manager - Compressor Controls Corporation
END OF DAY 2	

DAY 3 - 14th October 2021	
08.00 - 09.00	WELCOME COFFEE
SESSION 5	
09:00 - 09:30	<p>Technical Paper 20 Saudi Aramco (WRDD) deployed new engineering reversed compressor core elements technology</p> <p>Mohammed S. Al-Tawili Operation Engineer - Saudi Aramco</p> 
09:30 - 10:00	<p>Technical Paper 21 Mixed Reality remote assistance and condition monitoring on turbomachinery equipped with SKF Active Magnetic Bearing Technology</p> <p>Ahmed Dalhi Technical Service Manager SKF</p> <p>Alexandre Kral Sales Engineer & Area Business Development Oil & Gas SKF</p>
10:00 - 10:30	<p>Technical Paper 22 How to Optimize ROI of Gas Turbines with Air Filtration</p> <p>Benoit Noel Director of Sales EMEA - Donaldson</p>
10:30 - 11:00	<p>Technical Paper 23 HGP Pro active reliability programs</p> <p>Shodayed Al-Qahtani Reliability Engineer - Saudi Aramco</p> 
11:00 - 11:30	NETWORKING COFFEE BREAK
11:30 - 12:00	<p>Technical Paper 24 Rotating Equipment Reliability Assessment</p> <p>Patrick Cooper Rotating Equipment Advisor - Becht Engineering</p>
12:00 - 12:30	<p>Technical Paper 25 How couplings can provide insight into machine health</p> <p>Jaroslav Bahyl Service Manager - Regal Beloit</p>
12:30 - 13:00	<p>Technical Paper 26 Small changes having big impact on equipment reliability</p> <p>Ghulam Jillani Lead Engineer Rotating Equipment - DUGAS</p> 
13:00 - 14:00	NETWORKING LUNCH BREAK & PRAYER
END OF CONFERENCE	

A close-up, low-angle shot of a large industrial compressor or pump rotor. The rotor is made of polished metal and features a central hub with several bolts. The outer edge of the rotor is characterized by a series of curved, blade-like segments that radiate from the center. The lighting is dramatic, with a strong blue tint and highlights on the metallic surfaces, creating a sense of depth and industrial scale.

PUMPS AND COMPRESSORS HALL

DAY 1 - 12th October, 2021		
SESSION 1		
11:00 - 12:00	COFFEE BREAK	
12:00 - 12:30	Technical Paper 1 Dry Gas Seals - Problems and Solutions Girish Kamal Principal Rotating Equipment Engineer - PETRONAS	
12:30 - 13:00	Technical Paper 2 REE Fleet Audit for Reciprocating Compressors David Malik Technical Product Manager - Hoerbiger	
13:00 - 14:00 NETWORKING LUNCH BREAK & PRAYER		
SESSION 2		
14:00 - 14:30	Technical Paper 3 Operating Centrifugal and Reciprocating Compressors in Series Steven Young Maintenance Team Leader - SNOC	
14:30 - 15:00	Technical Paper 4 The art of sealing - Low Emission packing solutions for reciprocating compressors Thomas Borchardt Managing Director - Neuman & Esser Group - Stasskol	
15:00 - 15:30	Technical Paper 5 Electrical superimposing VSD comparison with conventional full scale VFD - efficiency improvements across the operational speed range Wissam Moubarak Director Business Development Voith Group	
15:30 - 16:00	Technical Paper 6 Online Electrical Condition Monitoring of Critical Electric Michael Herring Regional Sales Manager, North Europe, Russia & Middle East Megger Baker Instruments	
16:00	NETWORKING COFFEE BREAK	

DAY 2 - 13th October, 2021	
08:00 - 09:00	REGISTRATION & WELCOME COFFEE
SESSION 3	
09:30 - 10:00	<p>Technical Paper 7 Reciprocating Compressors - Elimination of Bad Actors and Revamp of Make-Up / Recycle Compressor Thiago Heinen Mechanical Engineer - Burckhardt Compression</p>
10:00 - 10:30	<p>Technical Paper 8 Compressor Dynamic Stimulation Ravi Chandra Dahagam Senior Rotating Equipment Engineer - ADNOC Gas Processing</p> 
10:30 - 11:00	<p>Technical Paper 9 Validation of stall / surge mitigation of mission critical centrifugal compressor at test bed – A proposal to OEM and End user Mantosh Bhattacharya SME Turbomachinery - Petrofac</p> 
11:00 - 11:30 NETWORKING COFFEE BREAK	
11:30 - 12:00	<p>Technical Paper 10 The evolution of the proximity probe system, from Don Bentley to the digital proximity system Mohammed Assad Sales and Application Manager Middle East Metrix Instrument Co./ Petrosolutions</p>
12:00 - 12:30	<p>Technical Paper 11 How to adopt additive manufacturing to its true potential in Oil & Gas Industry? Syed Nameer Strategy & Innovation Consultant - EOS GmbH</p>
12:30 - 13:00	<p>Technical Paper 12 Offshore pumps performance monitoring - theory and practical cases Sergio Vidal Pump Maintenance Specialist - North Oil Company</p> 
13:00 - 14:00 NETWORKING COFFEE BREAK & PRAYER	
SESSION 4	
14:00 - 14:30	<p>Technical Paper 13 Rotating Equipments a common approach Parithimaal G P Sr. Engineering Reliability</p>
14:30 - 15:00	<p>Technical Paper 14 Case study on Investigation & Resolution of Iron Carbonate Fouling in a centrifugal gas compressor impeller eye. Fadlil Hafeez Bin Zainol Alam Senior Machinery Diagnostics Engineer - PETRONAS</p> <p>Mohd. Faizal Bin Mohamed Staff Rotating Equipment Engineer - PETRONAS</p> 
15:00 - 15:30	<p>Technical Paper 15 Application of data analysis on a study of waterintakes by means of CFD tools Luigi De Franco Head of Fluid Dynamics Design & CFD Dept.- Termomeccanica</p>
15:30 - 16:00	<p>Technical Paper 16 Case study on improving the crude oil transfer pump reliability under sand erosion attack utilizing a holistics approach Nina Irsyanizah Raskan Rotating Machinery Engineer PETRONAS</p> <p>Nor Affendi Jemidi Staff Rotating Equipment Engineer PETRONAS</p> 
16:00 NETWORKING COFFEE BREAK	

DAY 3 - 14th October, 2021	
08:00 - 09:00	REGISTRATION & WELCOME COFFEE
SESSION 5	
09:00 - 09:30	<p>Technical Paper 17 Advance in 3D CFD modelling of rotary positive displacement machines Ahmed Kovacevic Director - PDM Analysis</p>
09:30 - 10:00	<p>Technical Paper 18 Addressing 37% capacity increase on BB5 brand X Pumps Theodoros Filopoulos Retrofit Specialist Sulzer Pumps Middle East</p>
10:00 - 10:30	<p>Technical Paper 19 Assuring Long Term Reliability of Dry Gas Seal Mohamed Mira Principal Machinery Engineer - ADNOC LNG</p>
10:30 - 11:00	<p>Technical Paper 20 Diagnosis of a capacity control system issue on 4 cylinder reciprocating compressor Alexander Harenkamp General Manager Prognost</p>
END OF CONFERENCE	

