

ISA SAUDI AUTOMATION CONFERENCE 2026		
DAY 1: Monday, October 12, 2026		
07:30 - 08:30	Registration & Welcome Coffee	
08.30 - 09.30	Inauguration and Keynote: ISA-SAS 2026	
8:30	Safety and Event Opening	
	ISA Saudi Arabia Section	
8:35	Welcome Address by Conference Chairman	
	Dr. Soloman AlMadi, Principal Scientist, Aramco	
8:40	Keynote Speech	
	Walid Al-Naeem, VP & Chief Engineer, Aramco & Bandar AlYousef, Director - Automation Systems Department, Aramco	
8:50	Keynote Speech	
	Adne Olsen, International Society of Automation	
9:00	Keynote Speech	
	Wassim Ghadban, Senior VP, Kent	
09.10 - 9.30	Sponsorship Appreciation & Plaque Distribution	
09.30 - 10.15	EXHIBITION OPENINIG & COFFEE BREAK	
Session 1:		
	Conference Hall	
10.15 - 10.30	Presentation 1	Semantic Standardization to Eliminate Ambiguity in Engineering Reviews
		Hala AlTamimi, Project Management Officer , Aramco
10.30 - 11.15	Panel Discussion	From Automation to Autonomy in Energy & Process Industries
	Key Discussion Points	- How Agentic AI is paving the way to Autonomous Plant - How Authentic AI is paving the way to Autonomous Plant - Role of Digital Twin, APC, and Generative AI in closing the loop - Where does human-in-the-loop end and autonomy begin? - Workforce upskilling - What ISA should do for the next-gen automation engineer?

		Panel Facilitator: Turki Al Otaibi, Aramco Panelists: Eid AlHarbi, Aramco Digital Wassim Ghadban, Kent Sharf Parvez, BICSI Saudi Jayanth Vasudevan, Yokogawa Mohamed Almaz, Schneider Electric Shao Xiaoqi, Supcon Abdulmoniem AlHumoud, Octave
11.15 - 11.35	Presentation 2	Engineered in the Kingdom: Life-Safety and Hazardous-Area Automation for Saudi Industry and Infrastructure.
		Adnan Iqbal, Director - ATCO Commercial & East and West Factories , ATCO
11.35 - 11.55	Presentation 3	Beyond Open Automation: What OPA Taught Us About the Software-Defined Future
		Mohamed Almaz, Schneider Electric Presentation
11.55 - 12.15	Presentation 4	Beyond Security: Leveraging SOC to Maximize OT System Performance and Resilience
		Mostafa Nasser, Business Development & Engagement Manager, Intech Automation & Intelligence
12.15 - 12.35	Presentation 5	Towards the Autonomous Plant
		Shao Xiaoqi, Automation & Control Systems Professional, Supcon
12.35 - 12.55	Presentation 6	The Forgotten Assets: Risk-Based Lifecycle Management of RTU Systems
		Jithesh P, Technical Services Division, Yokogawa
12.55 - 13.55	NETWORKING LUNCH BREAK	
Session 2:		
	Conference Hall	
13.55 - 14.10	Presentation 7	Pressure Testing of Critical Static Equipment
		Hadeel AlGallaf, Aramco
14.10 - 14.30	Presentation 8	Deployment of Online Condition Monitoring System
		Mansoor Raza, Almarai
14.30 - 14.50	Presentation 9	Productivity and Safety in Industrial Facilities
		Abdul-Moniem Al-Humoud, Senior Industry Consultant, Octave Presentation
14.50 - 15.10	Presentation 10	AI Value-Add towards Autonomous Control and Operation
		Belden Presentation
15.10 - 15.30	NETWORKING COFFEE BREAK	
	Conference Hall	

15.30 - 15.45	Presentation 11	Choke Health Monitor
		Mozahid Sufiyan, Aramco
15.45 - 16.05	Presentation 12	Next-Generation TruCal® Self-Calibration Technology: Improving Gas Detection Reliability and Reducing Maintenance
		Alex Barbashin, Marketing Manager Fixed Gas & Flame Detection, MSA Safety Presentation
16.05 - 16.25	Presentation 13	Optimization of Preemptive Cyber Security Defenses in the wake of rising AI Assisted Cyber Attacks : Building a “Mythos ready” Security Program
		Ray Kafity, Vice President, Acalvio
16.00 - 16.40	Presentation 14	UAV drones for HV overhead powerline inspections on distribution lines in remote locations
		Abdulrahman AlMulhen, Aramco
END OF DAY 1		
DAY 2: Tuesday, Oct 13, 2026		
08.00 - 08.30	Registration & Welcome Coffee	
Session 3:		
	Conference Hall	
08.30 - 08.45	Presentation 15	Managing noisy alarms to acceptable level
		Mohammed Shaikh, YASREF
08.45 - 09.05	Presentation 16	National strategic resilience through standardization, workforce enablement, and cross-sector incident coordination
		Mehdi Nacer Kerkar, President, ISA Algeria Section
09.05 - 09.25	Presentation 17	Building AI-Ready Infrastructure for Industrial AI and Digital Transformation
		Jihad Nehme, Chief Business Development Officer , Edarat Presentation
09.25 - 09.45	Presentation 18	Autonomous Maintenance Starts Here: Wireless AI-Powered Monitoring of Rotating Equipments
		Ashik Elahei, IIoT Specialist MEA Region, WIKA Presentation
09.45-10.05	Presentation 19	Edge AI in Action: From Sensing to Intelligent Operations
		Samveed Varma, Sales Manager KSA , Startech
10.05 - 10:50	NETWORKING COFEE BREAK	
	Conference Hall	
10.50 - 11.05	Presentation 20	A structured defense in depth architecture
		Abdullah Banjar, Aramco

11.05 - 11.50	Panel Discussion	Securing the Connected Plant - Convergence of OT Cybersecurity, Functional Safety, & AI Enablement
	Key Discussion Points	- Who owns OT security when IT and OT merge? - Zero Trust in legacy DCS/SCADA - is it practical? - Real incidents: Lessons from recent OT breaches Globally - How do we see AI impact cybersecurity? - How ISA certification (ISA/IEC 62443 Cybersecurity) can build local talent
		Panel Facilitator: Hayat Alzahrani Panelists: Muhammed AlWashmi, Cyberani Ammad Baig, Intech Automation Mansour AlShalahi, Infoblox Hussein Ramadan, Kaspersky Mujali AlKhaldi, Sirar
11.50 - 12.10	Presentation 21	Securing Critical OT Infrastructure in the Energy Sector With Fortinet
		Kaspersky Presentation
12.10 - 12.30	Presentation 22	You Can't Patch It. You Can Prove It Didn't Change
		Robert E. Johnson III, President & CEO, RAS Infotech Presentation
12.30 - 12.50	Presentation 23	Privileged Access in the Age of AI: New Risks, New Rules
		Charbel Chekie, Sales Engineer, Delinea Presentation
12.50 - 13.10	Presentation 24	Achieving Cybersecurity Visibility in Purdue Level 0–2 Industrial Control Networks: Protecting Sensors, Actuators, and PLC Communications
		Amr Yehia, OT/IOT Cybersecurity Expert , Sirar
13.10 - 14.10	NETWORKING LUNCH BREAK	
Session 4:		
	Conference Hall	
14.10 - 14.25	Presentation 25	the strategic evolution from traditional On-Premise SCADA architectures to a modern Cloud SCADA model
		Ali AlSagour, Engineering Specialist, Aramco
14.25 - 14.45	Presentation 26	Orchestrating Agentic AI: Multi-Agent Coordination, Process Alignment, and Lifecycle Governance in Organizations.
		Dr Satyajit Dwivedi, Regional Director, META & APAC, EMEAP, SAS Institute Presentation
14.45 - 15.05	Presentation 27	Governance by Design: Turning Automation Standards and Regulations into Trusted Autonomous Operations
		Marwa Ahmed, Vice President, Jethur Presentation
15.05-15.20	Presentation 27	Artificial Intelligence Assisted HAZOP, LOPA, and SIL Assignment & Verification
		Ahmed Al-Damluji, Aramco
15.20 - 15.40	NETWORKING COFFEE BREAK	

	Conference Hall	
15.40 - 15.55	Presentation 28	Predictive Decision Support Framework
		Rashed AlZahrani, Aramco
15.55 - 16.15	Presentation 29	The Industrial Wireless Toolbox
		Adne Olsen, International Society of Automation
16.15 - 16.30	Presentation 30	Pressure Relief Valves Integrity – Lessons Learned
		Ghulam Farooq, Aramco
END OF DAY 2		
Day 3: Wednesday, October 14, 2025		
08.00 - 08.30	Welcome Coffee	
Session 5:		
	Conference Hall	
08.30 - 08.45	Presentation 31	Abqaiq Plants’ Journey with Drone Technology: Scaling Automation for Excellence
		Abdullah AlGhamdi, Aramco
08.45 - 09.05	Presentation 32	From Calibration Data to Operational Intelligence: Applying Data Analytics in the Digital Transformation of Industrial Calibration
		Whinney Thomas, Business Development Manager, Beamex Presentation
09.05 - 09.20	Presentation 33	Automation of Drone-based 3D Thermograms for Building Envelope Energy Efficiency: Techno-Economic Evaluation in the Gulf Region.
		Dr. Ayman Youssef, Founder , OptiEnergi
09.20 - 09.40	Presentation 34	Enabling Random Data Exchange Through Zero Trust Zero Trust Secure Environments
		Wasif Ijaz, Service Senior Specialist , Baker Hughes
09.40 - 10.00	Presentation 35	Intersection of cybersecurity, AI governance, OT security, and risk management
		Adeel Shaikh, Adeel Solutions
10.00 - 10.20	Presentation 36	Loop Powered Instrumentations
		Lahdan Alfaihan, Aramco
10.20 - 10.30	Student Games Results Announcement	
10.30 - 11.00	NETWORKING COFEE BREAK	
	Conference Hall	
11.00 - 11.20	Presentation 37	Self-Healing Distribution Grids with R-GOOSE over 5G
		Yudit Kristianto, Principal Engineer, Strategy & Governance , NEOM

11.20 - 11.40	Presentation 38	Development of a Virtual TVP Analyzer for Predicting TVP at MAF in the Main Oil Line at PDO
		Mahmood Al Balushi, Senior Production Measurement Specialist , Petroleum Development Oman
11.40 - 12.00	Presentation 39	From Risk to Resilience: Engro Fertilizers' Journey to Building a Sustainable OT Cybersecurity Program
		Asad Naeem, Manager – Instrument, Control Systems & OT Cybersecurity , Engro Fertilisers
12.00 - 12.20	Presentation 40	Managing Secure IT/OT Network Systems in RO Desalination Plants
		Milbis Ali Hussain Alqouzi, Specialist Instrument and Control Engineer , Saudi Water Authority
12.20 - 12.35	Presentation 41	Sustainable Asset Management through a Data-Driven Approach to Well Integrity Surveillance
		Fahad AlGhamdi, Associate Production Engineer , Aramco
12.35 - 12.55	Presentation 42	Enhancing Efficiency and Sustainability: A Comprehensive Upgradation Project in the Fertilizer Industry
		Seerat Bilal, Instrument & Controls Unit , Fatima Group Pakistan
13.00 - 14.30	NETWORKING LUNCH	
END OF CONFERENCE		