



KROHNE

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KROHNE Academy

Measurement, Control and Automationsolutions in Water and Wastewater Industry

04. February in Riyadh, Saudi Arabia





First-hand knowledge

The KROHNE Academy is organizing a seminar in 2025 titled 'Measurement, Control and Automation solutions in Water and Wastewater Industry' in collaboration with leaders in their respective fields: Phoenix Contact, WILO and AERZEN.

This Academy is equally aimed at system integrators, consulting engineers and end users in process industry. It gives you direct access to the know-how and many years of experience of leading suppliers in the W&WW Industry. The basics, special applications, efficiency enhancement options and savings potentials are discussed.

The KROHNE Academy is a completely free event for registered delegates.

Organisers



World's leading supplier of rotary lobe blowers, rotary lobe compressors, Turbos and energy machine control system.
www.aerzen.com



is one of the world's leading designers, developers and manufacturers of innovative and reliable process measurement technologies and has over 100 years of experience in providing flow, level, temperature and pressure instrumentation to all industry sectors around the globe.
www.krohne.com



is a world leader in electrical and electronic connection, interface and industrial automation technologies. For the industry Phoenix Contact can combine our technologies to provide proven protection, connection, monitoring, and control solutions in different applications.
www.phoenixcontact.com



The Wilo Group is one of the world's leading premium suppliers of pumps and pump systems for the building services, water management and industrial sectors. Our innovative solutions, smart products and individual services move water in an intelligent, efficient and climate-friendly manner.
www.wilo.com



Rudolf Messner Umwelttechnik (RMU) specializes in biological process and aeration technology for municipal and industrial wastewater treatment plants. RMU offers energy-optimized and sustainable complete solutions in this field.
www.rmu.de/en

Agenda Room 1

08:30 h	Registration
09:15 h	Official start – Welcome & Event information
09:15 – 09:30 h	Opening speech Chamber of foreign trade: Dr. Dalia Samra-Rohte
09:30 – 10:00 h	High efficient aeration system with System Solution
RMU <i>Speaker:</i> Martin Gräsl	Design and implementation of sustainable and energy efficient aeration systems for municipal wastewater treatment plants at the example of the WWTP Aachen Soers in Germany
AERZEN <i>Speaker:</i> Markus Leidingner	System intelligence: 55% energy optimization in the biological treatment process of WWTP Aachen-Soers with cost reduction in CAPEX from more than 1 Mio. Euro
10:00 – 10:30 h	The use of EMF meters for custody transfer of water by using the OIML R49 guideline
KROHNE <i>Speaker:</i> Ad Gelderblom	Presentation of how do you trade drinking water within the law and regulations. From production of drink water to the distribution in the grids. How can measurement devices add value to a certified transfer of goods
10:30 – 11:00 h	Table discussions with refreshments
11:00 – 11:30 h	Facing up to global challenges with intelligent solutions for water management
WILO <i>Speaker:</i> Sarwat Nassar	Global trends such as climate change, water scarcity, and rising energy cost continue to pose great challenges to the industry. Reliable and intelligent connected solutions are becoming increasingly important to meet these global challenges, and their performance requirements and complexity are also increasing. An overview on Wilo smart solutions in Water management featuring the latest innovations designed to address these issues and help improve our future
11:30 – 12:00 h	Remote Control Solutions for the water industry
PHOENIX CONTACT <i>Speaker:</i> Ahmad Alewaidat	An overview about different standards and technological options to realize remote control applications for e.g. drink water well control or water/wastewater pumping stations. From programable up to parametrizable remote control solution, based on a ready-to-use hardware and DNP3 communication
12:00 – 13:00 h	Lunch Break & Prayer
13:00 – 13:30 h	Local Partner Company Profile – AERZEN and KROHNE
14:00 – 14:30 h	Break
14:30 – 15:00 h	Local Partner Company Profile – WILO and PHOENIX CONTACT
15:30 h	Wrap up and End of Seminar

Agenda Room 2

09:30 – 10:30 h	The Wilo-Service: A reliable partnership
WILLO <i>Speaker:</i> Mamoun Abu Taleb	Wilo's positioning as a solutions provider encompasses a digital approach to the selection, management, commissioning and monitoring of your pumps, as well as the associated service before, during and after installation. At Wilo, project support for complex pump and system technology begins long before the actual installation
10:30 – 11:00 h	Table discussions with refreshments
11:00 – 12:00 h	KROHNE hands on training for Electro Magnetic- and Ultrasonic flowmeters
KROHNE <i>Speaker:</i> Ad Gelderblom	Service in practice, presentation of the tools. This includes diagnosing problems, replacing parts and performing regular checks to ensure everything is functioning properly
12:00 – 13:00 h	Lunch Break & Prayer
13:00 – 14:00 h	Integration of field devices with PLCnext and Water Functions Library
PHOENIX CONTACT <i>Speaker:</i> Hossam Saad	<ul style="list-style-type: none">– Usage of a PLCnext controller– Download a Water Functions Library from the PLCnext Store– Installing and commission the Library– Connect and integrate a field device (e.g. KROHNE Sensor)– Visualize the values via eHMI
14:00 – 14:30 h	Table discussions with refreshments
14:30 – 15:30 h	Aerzen & RMU Service and Maintenance Performance in Saudi Arabia
RMU <i>Speaker:</i> Martin Gräsl	Service measures for aeration systems in practice to keep them in function for a long time and to ensure energy-efficient operation.
AERZEN <i>Speaker:</i> Hatem Sadek	AERZEN is dedicated to supporting the Saudi Arabian market with customized solutions that enhance efficiency and reduce downtime. We offer comprehensive services, including commissioning, inspections, preventive maintenance, repairs, and flexible service contracts, all designed to meet your specific operational needs. Our commitment to quality and reliability ensures optimal performance and longevity of your equipment.
15:30 h	Wrap up and End of Seminar

Location

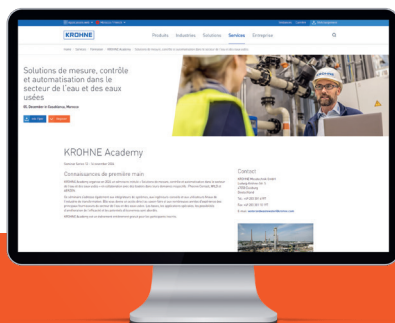


voco an IHG Hotel

Opposite of Ministry of Interior,
King Fahd Rd, An Namudhajiyah,
Riyadh 13003, Saudi-Arabien

krohne.link/hotel-voco-riyadh

Registration



Register now for free:
krohne.link/water-academy-riyadh-2025

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