ABU QIR FERTILIZERS and Chemical Industries CO.

WATER TREATMENT TECHNOLOGY AND ENERGY EFFICIENCY

CONFERENCE • 35th EDITION

10–12 NOVEMBER 2026

10–12 NOVEMBER 2026 • FOUR SEASONS HOTEL ALEXANDRIA AT SAN STEFANO

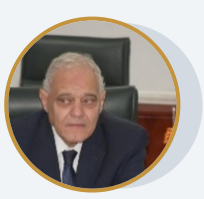
FIRST DAY

10 NOVEMBER 2026

TIME	EVENT	PLACE
09:00 – 10:00	**REGISTERATION**	
10:00 –12:30	**OPENING**	BALL ROOM
12:30 – 01:00	**BREAK**	BALL ROOM

SESSION CHAIRMEN

Prof. Dr. Hussein El-Atefy



Prof. Dr. Mohamed Essam Hagar



Prof. Dr. Ahmed Othman Ageza



TECHNICAL SESSION — **BALL ROOM**

TIME	SPEAKER	PLACE
01:00 - 01:25	Paper (1) **Prof. Dr. Hossam El-Din Mohamed Moghazy** New Delta Project: Ambitions and Challenges	BALL ROOM
01:30 - 01:55	Paper (2) **Eng. Amr Seoudy** From planning to implementation: A Strategic Perspective on Desalination in Egypt	BALL ROOM
02:00 - 02:25	Paper (3) **Eng.Jaco Luijendijk (Nalco Water)** Agentic AI with Ecolab Water Quality IQ™ for Proactive Industrial Water Management	BALL ROOM
02:30 - 02:55	Paper (4) **Eng.Gilles Delaisse (Veolia)** Veolia Cooling Horizon 2030 - Driving Performance and Sustainability Through Digitalization	BALL ROOM
3:00	**Lunch**	BALL ROOM

08:00 - 10:00 **Galla Dinner (Four Seasons Hotel)**

SECOND DAY

11 NOVEMBER 2026

MORNING SESSION — **BALL ROOM**

SESSION CHAIRMEN

Prof. Wael El-Moghlany



Prof. Ahmed Elshazly



Prof. Ibrahim Hassan



TIME	SPEAKER	PLACE
9:00 - 9:25	PAPER:6 **Dr.Mohamed Swidan** Water Desalination Strategy	BALL ROOM
9:30 - 9:55	PAPER:7 **Dr. Shaimaa Mohamed El Sharqawi** from carbon fotprint measurement to low carbon industrial transformation	BALL ROOM
10:00 - 10:25	PAPER:8 **Prof. Andreas Gotthardt (Purolite)** Shallow Shell™ Ion exchange resins	BALL ROOM
10:30 - 10:55	PAPER:9 **Eng.Florian Milz (Veolia)** Water Solutions That Make an Impact	BALL ROOM
11:00 - 11:25	PAPER:10 **Eng. Khaled Ahmed Tawfik (ABB)** **Eng. Eyad Sheboshy (ABB)** ABB’s Integrated Technology Approach to Water, Energy, and Green Hydrogen	BALL ROOM
11:30 - 11:55	PAPER:11 **Dr.Ghada Amin (ARAB WATER COUNCIL)** Desalination for green hydrogen and link to fertilizer Manufacturing	BALL ROOM
12:00 - 12:30	**BREAK**	BALL ROOM

07:30 -10:30 **Galla Dinner (Rixos Montaza Palace)**

AFTERNOON SESSION **LAURENT**

SESSION CHAIRMEN

Prof. Ibrahim Hassan



TIME	SPEAKER	PLACE
12:30 - 12:55	PAPER:12 **Eng. Walid Ismail (MetiPro)** Waste water treatment for Alex west	LAURENT
01:00 - 01:25	PAPER:13 **Eng. Mourad Abd Elghany (REDA WATER)** Fouling Prevention Methodology in RO Plants with High Levels of Silica, Manganese and Iron	LAURENT
01:30 - 01:55	PAPER:14 **Dr. Mohamed Tarek Mohamed Eltohfa** Abu Qir Plant 1: 50 Years of Evolution, Operational Excellence, Capacity Enhancement and Energy Efficiency	LAURENT
02:00 - 02:25	PAPER:15 **Dr. Omar Beltagy (Nalco Water)** Boiler Optimization for Reliability, Energy & Water Savings	LAURENT
02:30-02:55	PAPER:16 **Dr. Manar Mohammed Taha Hazaa** Towards Sustainable Water Desalination and Treatment: Integrating Water Reuse, Energy Efficiency, and Environmental Sustainability	LAURENT
3:00	**Lunch**	BALL ROOM

AFTERNOON SESSION **ZIZINYA**

SESSION CHAIRMEN

Prof. Ahmed Elshazly

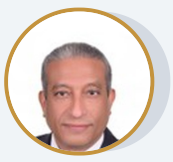


TIME	SPEAKER	PLACE
12:30 - 12:55	PAPER:17 **Eng. Mustafa Emrah Köken** Film-Forming Amine Treatment in Closed and Open Cooling Systems Compared with Traditional Approaches	ZIZINYA
01:00 - 01:25	PAPER:18 **Dr. Mohamed Nazieh Mohamed Gamal** Intelligent Cooling Water Chemistry for Energy Efficiency From Grab Samples to Digital Twins	ZIZINYA
01:30 - 01:55	PAPER:19 **Eng. Sara Ahmed Abo El Ezz** Optimizing Coagulants & Polymers for Better Water Quality, Less Waste, and Lower Environmental Impact	ZIZINYA
02:00 - 02:25	PAPER:20 **CH. Mohamed Aly Hassan Aly Farrag** **CH. Khaled Adel Ibrahim Abdel Hamid** Water Footprint Assessment and the Role of an Established Zero Liquid Discharge System in Improving Water Sustainability at ETHYDCO, Egypt	ZIZINYA
02:30-02:55	PAPER:21 **Eng.Seth Rockmacher Xtreme blue** Ion Exchange Plant Optimization	ZIZINYA
3:00	**Lunch**	BALL ROOM

AFTERNOON SESSION — STANLY

SESSION CHAIRMEN

Eng. Sayed El-Rawy



Chemist Hisham Riyad



Eng. Ahmed Mahmoud



Dr. Mohamed Zamel



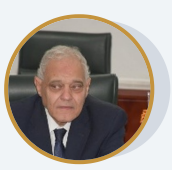
TIME	SPEAKER	PLACE
12:30 - 02:55	**عرض مشروعات طلاب الجامعات والأكاديميات المشاركة في المؤتمر، بمشاركة طلاب من** • **جامعة الإسكندرية.** • **الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري.** • **جامعة مصر اليابانية للعلوم والتكنولوجيا (E-JUST).** ويهدف ذلك إلى تشجيع الابتكار والبحث العلمي، وتنمية قدرات الطلاب، وإتاحة الفرصة لهم لتقديم أفكار ومشروعات مبتكرة في مجالات تكنولوجيا معالجة المياه وكفاءة الطاقة والاستدامة	STANLY
3:00	**Lunch**	BALL ROOM

THIRD DAY — 12 NOVEMBER 2026

MORNING SESSION — BALL ROOM

SESSION CHAIRMEN

Prof. Dr. Hussein El-Atefy



Prof. Dr. Mohamed Essam Hagar



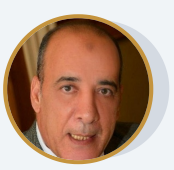
Prof. Ibrahim Hassan



Dr. Mohamed Zamel



Dr/ Ibrahim Elshibiny



TIME	SPEAKER	PLACE
9:00 - 9:25	PAPER:22 **Eng.Jaco Luijendijk (Nalco Water)** Nalco waters digital evoolution for the fertilizers , steel and mining industrials	BALL ROOM
9:30 - 9:55	PAPER:23 **Eng.kacem Triki (Wetco) (Jaccobi Carbon)** Activated Carbon Systems: Commissioning and Best Operating Practices	BALL ROOM

TIME	SPEAKER	PLACE
10:00 - 10:25	PAPER:24 **Dr. Mohamed Hassan Mohamed Mostafa** Regulation, Technology, and Investment: Pillars for a Sustainable Future of the Drinking Water and Wastewater Sector	BALL ROOM
10:30 - 10:55	PAPER:25 **Eng. Rayan Alovi (Wetco) (Dupont)** DuPont New High Flow EDI Modules for High- Purity Water Applications	BALL ROOM
11:00 - 11:25	PAPER:26 **Prof. Hassan Shams El Din(Ministry of Agriculture)** (on-farm irrigation development to increase productivity , saving irrigation water and energy)	BALL ROOM
11:30 - 11:55	PAPER:27 **Dr. Osama Mohammed Hussein El-Zaher (ARAB WATER COUNCIL)** Towards an optimal Governance of Groundwater	BALL ROOM
12:00 - 12:30	**BREAK**	BALL ROOM

AFTERNOON SESSION — LAURENT

SESSION CHAIRMEN

Prof. Ibrahim Hassan



TIME	SPEAKER	PLACE
12:30 - 12:55	PAPER:28 **Dr.Eng. Dalal Helmi Egyptian Electricity Holding Company** Ensuring Energy Security as a Cornerstone for Efficiency: Market Integration, Grid Flexibility, and Sustainability	LAURENT
01:00 - 01:25	PAPER:29 **ENG. Mohamad Mostafa Ahmed Hassan** Case study on live overhaul of timber wooden structure cooling towers during plant operation in Ammonia & Nitric Acid plants	LAURENT
01:30 - 01:55	PAPER:30 **Eng. - Mike Sinfield (Xtreme blue)** BEGINNERS GUIDE TO CLEANING REVERSE OSMOSIS MEMBRANES	LAURENT
02:00 - 02:25	PAPER:31 **Dr.Maisa Salah El Din Ismail** ECO friendly water treatment technology using magnetic field	LAURENT
02:30 – 2:55	**Closing & Recommendation**	
3:00	**Lunch**	BALL ROOM

AFTERNOON SESSION — ZIZINYA

SESSION CHAIRMEN

Prof. Dr. Mohamed Essam Hagar



Dr/ Ibrahim Elshibiny



TIME	SPEAKER	PLACE
12:30 - 12:55	PAPER:32 **Ch.Eid Eid El Ragely (ministry of local development and environment)** A Novel Innovative Approach Towards Sustainable Industrial Wastewater Management Via Green Circular Economy Policies	ZIZINYA
01:00 - 01:25	PAPER:33 **Eng.Noha Hassan Ahmed** OPERATIONAL OPTIMIZATION OF AN INDUSTRIAL ZERO LIQUID DISCHARGE (ZLD) WASTEWATER TREATMENT PLANT: A CASE STUDY FROM THE FERTILIZER INDUSTRY	ZIZINYA

TIME	SPEAKER	PLACE
01:30 - 01:55	PAPER:34 **Eng. Ibrahim el Agawany (Energy Recovery)** using pressure exchanger in RO applications	ZIZINYA
02:00 - 02:25	PAPER:35 **Dr.Hassnaa Abdel Haleem Abdel Haleem Bdeir** Integrated Water Resources Management and Circular Economy: Innovative Approaches to Industrial Dye Wastewater Treatment, Waste Recovery, Environmental Governance and Sustainable Investment	ZIZINYA
02:30 – 2:55	**Closing & Recommendation**	
3:00	**Lunch**	BALL ROOM

AFTERNOON SESSION — STANLY

SESSION CHAIRMEN

Dr. Mohamed Zamel



TIME	SPEAKER	PLACE
12:30 - 12:55	PAPER:36 **Eng. Emad Adel (Nalco Water)** Water circularity and Waste water recycling to minimize industrial water foot print	STANLY
01:00 - 01:25	PAPER:37 **Eng. Shereif Ali (Metichem)** Mitigating Potential Problems in Fertilizer Plants Cooling Systems	STANLY
01:30 - 01:55	PAPER:38 **Eng. Abdelmoneim Hassan Abdelmoneim** Abu Qir Fertilizers: Our Journey Toward Energy Efficiency and Solar Power	STANLY
02:00 - 02:25	PAPER:39	STANLY
02:30 – 2:55	**Closing & Recommendation**	
3:00	**Lunch**	BALL ROOM