



**WATER INDUSTRY –
CHALLENGES AND
PERSPECTIVES
„DIGITIZATION ”
16th November 2023
Timișoara**

The International Technical-Scientific Conference is addressed to specialists in the field, from the academic environment, to advisors, equipment designers and manufacturers, water resources managers, water supply and sewage – treatment system operators, and, not least, to the public interested in the **DEVELOPMENT OF TECHNICAL AND MANAGERIAL PERFORMANCES IN THE WATER INDUSTRY FROM THE POINT OF VIEW OF AUTOMATION AND DIGITIZATION.**

The International Technical-Scientific Conference is organised by the Romanian Water Association, in collaboration with Politehnica University of Timișoara, and with the AQUATIM S.A.

08.30 - 09.00 – Reception of participants

SCHEDULE

09.00 -09.15 **Opening: Welcome and Introduction**

Eng. Ilie VLAICU, PhD. – Managing Director of AQUATIM S.A. – President of the Romanian Water Association

Prof. Eng. Adrian KORODI, PhD. – Politehnica University of Timișoara - President of the DIGITIZATION Commission of the Romanian Water Association

Selected presentations (I)

Chairman: **Prof. Eng. Adrian KORODI, PhD.** – Politehnica University of Timișoara - President of the DIGITALIZATION Commission of the Romanian Water Association

09.15 -09.45 **„Digitizing Maintenance”**

BEESPEED Automatizări Timișoara

09.45 -10.15 **„Proactive Historian in Decentralized Solution for the Water Sector”**

Universitatea Politehnica Timișoara și AQUATIM S.A.

10.15 -10.50 **„Threat Landscape in the Water Industry: Analyzing the specific cyber**

threats faced by water companies and how to mitigate them”
Cyber 2.0

Coffee break

10.50 – 11.20

Selected presentations (II)

Chairman: Prof. Eng. Adrian KORODI, PhD. – Politehnica University of Timișoara - President of the DIGITALIZATION Commission of the Romanian Water Association

11.20 -11.50 ***„Boosting Cyber Resilience for OT & IoT”***

Claroty

11.50 -12.20 ***„Digitizing Tools and Perspectives in the Water Sector”***

ETA2U

12.20 -12.55 ***„Water Simulation”***

Schneider

Lunch break

12.55 - 14.25

Selected presentations (III)

Chairman: Prof. Eng. Adrian KORODI, PhD. – Politehnica University of Timișoara - President of the DIGITALIZATION Commission of the Romanian Water Association

14.25-14.50 ***„Digitizing solutions in the water sector”***

SIEMENS

14.50-15.20 ***„Data model and procurement methods for water operator process management”***

AQVISER

15.20-16.00 ***„How the NIS2 directive impacts water utilities to implement risk management processes specifically for their OT systems”***

Radiflow

Coffee break

16.00 – 16.30

Selected presentations (IV)

Chairman: Prof. Eng. Adrian KORODI, PhD. – Politehnica University of Timișoara - President of the DIGITALIZATION Commission of the Romanian Water Association

16.30-16.55 „*Digital Transformation - Industry 4.0 și aplicație inteligentă pentru utilitățile de apă*”

SITLINE TECHNOLOGY

16.55-17.30 „*Securing the protocol level for legacy systems and trends for OPC UA*”

Universitatea Politehnica Timișoara și AQUATIM S.A.

17.30-18.00 „*OpenSource solutions for managing security incidents*”

Compania de Apă Arad S.A.

Note: The schedule may be subject to minor changes.

Organizational details

The presentations will be published on the website of the Romanian Water Association– Platforma de comunicare (<https://www.ara.ro/sp/platforma-comunicare>), intended for members and with controlled access.

The Romanian Water Association requests the authors’ consent for publishing the works selected by the Editorial Board of the specialty magazine of the Romanian Water Association – **ROMAQUA** (<https://www.ara.ro/sp/romaqua>), in future editions.

The Romanian Water Association reserves the right to publish brief notifications about the event and images of the event on its social media sites.

Personal Data Protection

The Romanian Water Association – personal data operator – reserves the right to use the contact details provided by participants exclusively for the purpose of facilitating further communication with the participants and among them.

Contact

Should you have any question about the event logistics, please contact the Romanian Water Association, by email at: secretariat@ara.ro.