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COMMUNICATION

Submitted papers must be written in English or French according to the official seminar template.

The manuscript should contain 4 pages, including figures, tables, and references, with 2500 words. Authors are kindly requested to follow the template available for download from the ENSTA website.

PUBLISHED PAPERS

All accepted papers will be published on the website. The best paper will be featured in a national journal (details coming soon).

CONFERENCE REGISTRATION FEES

phD Student 3000 DA
Academic 7000 DA
Professional 12000 DA

The registration fee includes conference sessions, conference proceedings, lunches, coffee breaks, and conference materials.

PARTICIPATION'S MODE AND COMMUNICATION'S LANGUAGES

Participation in the 1st SAWT 2026 will be in person.
Languages of communication: English or French

CONTACT US

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FIRST SEMINAR ON ADVANCED WATER TECHNOLOGIES

SAWT'26

21st-22nd October 2026
ENSTA / DERGANA

Organised by
ENSTA - LSA

ABOUT THE STAE-2026 SEMINAR

Water security stands as one of the most pressing global challenges of the 21st century. Rapid population growth, climate change, escalating pollution, and the increasing demand for water resources necessitate innovative technological solutions to ensure sustainable and resilient water management.

The 1st Seminar on Advanced Water Technologies (1) serves as a specialized scientific platform designed to bring together doctoral researchers, scientists, engineers, and industry experts. The seminar is dedicated to the discussion of emerging technologies and scientific advancements essential for the future of water treatment, monitoring, and sustainable resource management.

SEMINAR LEADERSHIP

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First Chairman: Prof. BEYAZ Khaled (Director of LSA)
Second Chairman: Prof. BOUZID M. Cherif (DAFDRS)
Seminar President: Prof. ZEMMOURI Hassiba (ENSTA)
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- Prof. KHERFI Hamza (ENSTA)
- Dr. HAMACHE Amar (ENSTA)/ Prof. BAAHMED Djelloul (Djilali Liabes University of Sidi Bel Abbes)

SCIENTIFIC TOPICS

Axis 1: Advanced Water Treatment and Resource ecovery

- Advanced water treatment processes
- Membrane technologies and desalination
- Wastewater reuse and recycling (REUT)
- Circular economy approaches in water systems
- Energy efficiency in water treatment plants

Axis 2: Water Quality, Emerging Contaminants and Innovative Materials

- Emerging contaminants and micropollutants detection
- Pharmaceutical residues and heavy metals elimination
- Advanced analytical and monitoring techniques
- Nanomaterials and functional materials for purification
- Innovative filtration membranes and targeted adsorbents.

Axis 3: Smart Water Systems and Sustainable Water Management

- Smart sensors and real-time monitoring networks
- Internet of Things (IoT) integration for automated water systems
- Hydraulic modeling and predictive simulation of distribution networks
- Artificial intelligence and machine learning applications in hydrodynamics
- Water security, infrastructure durability, and climate resilience plans.

IMPORTANT DEADLINES

Announcement and First Call for Participation: 01/06/2026
Full Abstract Submission Deadline: 01/09/2026
Notification of Acceptance/Rejection: 20/09/2026
Final Registration Deadline: 10/10/2026
Seminar Event Dates: 21-22/ 2026 — ENSTA DERGANA site

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