

The **1st International Conference on the Energy and Digitalization Transition in the Maritime Sector ICEDTMS** is a high-level scientific event designed to bring together researchers, professionals, political decision-makers, engineers and economic actors to discuss the major challenges of decarbonization and digital transformation of the maritime sector.

The conference **aims** to foster international dialogue between researchers and professionals, present the latest scientific and technological advances, highlight pilot projects in port digitization and green logistics, encourage the creation of interdisciplinary collaboration networks between laboratories, universities, companies and public institutions, and support public policies and sector roadmaps towards carbon neutrality and digital optimization.

The **sectors involved** range from shipping, shipbuilding and port authorities, to artificial intelligence start-ups, energy operators, universities and research centers.



CONFERENCE TOPICS :

Topic 1 : Energy transition in the maritime sector.

Topic 2 : Digitalization of the maritime sector.

Topic 4 : Maritime regulations.

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كلية الهندسة الميكانيكية

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF ORAN - MOHAMED BOUDIAF
FACULTY OF MECHANICAL ENGINEERING



1st INTERNATIONAL CONFERENCE ON ENERGY AND DIGITAL TRANSITION IN THE MARITIME SECTOR

ORAN, DECEMBER 2-3, 2025

Honorary chairman :
Pr. HAMOU Ahmed

Conference chairman :
Dr. BOUZIT Fayçal

Co-chairman :
Dr. BELADJINE Mohamed Boumediene

Scientific committee chairman :
Pr. BOUZIT Mohamed

Receipt of abstracts
September 30, 2025
Notification of preliminary acceptance
October 06, 2025
Receipt of final articles
October 30, 2025
Notification of final acceptance
November 07, 2025

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CALL FOR PAPERS

ICEDTMS2025 will be organized by the **Laboratoire des Sciences et de l'Ingénierie Maritime LSIM** (Faculty of Mechanical Engineering / USTOMB).

- Participation in **ICEDTMS 2025** is open to PhD students, university lecturers, industrialists and researchers in the mechanical and maritime fields.

- Accepted papers will be presented in plenary, oral or poster sessions.

- The subject of the paper must be compatible with one of the conference topics and must have scientific originality.

- Proposals for abstracts and full papers (minimum 6 pages, maximum 10 pages) in a single column should be sent in English by e-mail to the following addresses:

icedtms.2025@univ-usto.dz / icedtms.2025@gmail.com

- Communications must be written according to the instructions given in the template file in Word format.

<https://www.univ-usto.dz/ICEDTMS-2025/>

IMPORTANT DATES

Deadlines for :

- Receipt of abstracts : **September 30, 2025**

- Notification of pre-acceptance : **October 06, 2025**

- Receipt of final articles : **October 30, 2025**

- Notification of final acceptance : **November 07, 2025**

Conference date : **Décember 02-03, 2025**

THE MAIN TOPICS

1/- Energy transition in the maritime sector
Renewable energies, alternative fuels, energy efficiency, emissions reduction.

2/- Digital transition in the maritime sector
Big data and predictive analytics, the Internet of Things (IoT), autonomous navigation systems, Blockchain, fleet management systems, AI in the maritime sector.

3/- Maritime regulations

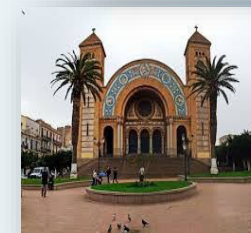
Environmental regulations, safety regulations, cyber security regulations, national and regional regulations

TARGET AUDIENCE

- Maritime sector professionals (shipowners, port operators, shipping companies).
- Energy and renewable energy professionals.
- Experts in energy, environment and maritime regulations.
- Digital transformation and innovation managers.
- Researchers and academics.
- Government agencies and public institutions.
- Specialized journalists.
- STARTUP and young innovative companies



Oran is the second largest city in Algeria and one of the most important in the Maghreb. It's a charming port city in north-west of Algeria, 432 km from the capital Algiers, with a rich history, varied architecture and a unique Mediterranean atmosphere.



Oran covers an area of 2007 Km². This wilaya has managed to preserve its identity. It is considered the cradle of raï music.

The great Abdelhamid Ibn Badis mosque, the bey's palace, the Santa Cruz fort and chapel, the old town (sidi elhouari), the Place 1er Novembre, the Sacré Coeur cathedral (Library), the seafront, the Oran theater, Mdina jdida: these are just some of the places not to be missed in Oran.

Welcome to Oran