

University of M'Hamed Bougara Boumerdes
Faculty of Technology

Laboratory Energetic, Mechanical and engineering (LEMIO)
Honorary president: Pr. Nouredine ABDELBAKI – Rector of
University
President of the scientific Day Pr HACHEMI Madjid,
Director of LEMI

Organizes a Scientific Day on Methanization and Waste Valorisation

December 7, 2025 in Boumerdes

= **MWV'25**

The growing challenges related to environmental protection, energy transition, and sustainable waste management have placed methanization and waste valorisation at the heart of global scientific and industrial priorities. Methanization, as a biological process that converts organic waste into biogas and digestate, represents a strategic pillar for the development of renewable energies and the reduction of greenhouse gas emissions. At the same time, the valorisation of municipal, agricultural, and industrial waste offers major opportunities for creating circular, low-carbon systems that contribute directly to regional and national development. This Scientific Day aims to bring together researchers, professionals, industrial actors, and decision-makers to discuss the latest advances, share innovative practices, and promote collaborative approaches for sustainable waste management and efficient bioenergy production.

Themes of the scientific day:

1. **Anaerobic Digestion & Methanization Processes**
2. **Biogas Production, Upgrading, and Energy Valorisation**
3. **Waste Valorisation & Circular Economy**
4. **Policies, Regulation & Socio-Economic Aspects**
5. **Digitalization & Smart Monitoring**

Important Dates

- First call: 02/11/2025
- Deadline for abstract submission: 30/11/2025
- Notification of acceptance: 01/12/2025
- Scientific Day : 07 , Dec 2025

Objectives of Day

The Organizing Committee is pleased to announce the ****Scientific Day on Methanization and Waste Valorisation****, an event dedicated to the latest scientific, technological, and industrial advancements in the fields of bioenergy and sustainable waste management. Researchers, engineers, professionals, and experts are warmly invited to submit their contributions for presentation.

Participation & Registration

Participation in the **Scientific Day is free** of charge for PhD students and teachers. Participants are invited to register via the submission platform.

Process

Number of papers planned: 20

Oral presentations in one or two sessions

Each presentation will be 10 minutes, plus 5 minutes for debate.

Posters will be displayed during 30-minute coffee breaks.

Abstract submission

[Abstract Submission Platform for MWV'2025](#)

For contact:

ma.hachemi@univ-boumerdes.dz

PROGRAM

Each half-day will begin with a plenary oral communication; this will give three (03) plenary sessions.

Program of the session

Day	December 07, 2025
Morning	Following registration Plenary 01
	Oral Session 1
	Coffee break/ Poster 01 session
midday	Lunch
Afternoon	Plenary 02
	Oral Session 2
End of the day	Coffee break Session Poster 2

Organizing committee

President : CHOUIDER Walid , Direction Générale SONELGAZ

Vice president : Dr Sofiane OUALI, U BOUMERDES

Members

- Dr MOUGARI Nourelislam, UMBB
- Mr GUENNICHE Hamza, SONELGAZ
- Dr GUERRACHE Fadila, UMBB
- Dr AIT CHEIKH Mohamed, UMBB
- Dr DOUMANE Radia, UMBB
- Dr RAGUEB Haroune , UMBB
- Dr Sarah OUCHIKH, UMBB
- Dr Blkacem MANSER,UMBB
- Mlle Khadidja MOUHOU, UMBB
- Dr ZARA Abdeldjebbar
- Dr FAHEM Nouredine

Scientific committee:

President: Dr HIMRANE Nabil , U BOUMERDES

Vice president : Dr HALOUANE Yacine, U BOUMERDES

Members:

- Pr KADRI Mohamed, U BOUMERDES
- Pr. AKNOUCHE H. - U BOUMERDES
- Pr. BOUZIT M. - USTO ORAN
- Pr. CHELLIL Ahmed , U. BOUMERDES
- Pr SAIDI Mohammed U. BOUMERDES
- Pr SAFI Brahim U. BOUMERDES,
- Pr LOUNICI Mohand said, U BOUMERDES
- Pr MANSOURI Kacem, U BOUMERDES
- Pr DJEBILI Omar, U BOUMERDES

- Pr AMEZIANI Djamel Eddine, USTHB
- Dr Hamza MECHAKRA, U BOUMERDES
- Dr HAMEL Meziane, U BOUMERDES
- Pr HANCHI Samir U STHB, ALGER
- Pr LIAZID Abdelkrim U TLEMCEN
- Pr Jean François LARGEAU, ICAM Nantes
- Pr Khaled LOUBAR, IMT Atlantique

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