



Hassiba Benbouali University of Chlef FACULTY OF TECHNOLOGY

Organize

The Fourth Doctoral Symposium on Technology: Process, Mechanical and Electrical Engineering

DST'05-2025

October 04, 2025

Supported by

Faculty of Technology, Hassiba Benbouali University of Chlef.



Presentation of the Faculty of Technology

The Faculty of Technology is a study and research unit at Hassiba Benbouali University of Chlef. The license's and master's programs are taught in four departments: Mechanical Engineering, Electronics, Electrical Engineering and Process Engineering. The fifth department of the faculty is the Department of the Common Core in Technology (T.C.T.), established in 2019 by the Minister of Higher Education and Research, which supports specialties in the Science and Technology domain across several faculties.

Research at the Faculty of Technology is conducted in various fields, including Materials, Renewable Energy, Sustainable Development, Chemical Engineering, Energy, Environment, and Artificial Intelligence, etc. This research is concretized through doctoral studies in both the

new LMD system and the classical system, supported by the efforts of seven research laboratories.

Objectives of DST'05-2025

Following the success of the first, second, third, and fourth National Doctoral Symposiums on Technology, the faculty is pleased to announce the fifth edition, DST'05-2025, to be held at Hassiba Benbouali University in Chlef, Algeria, on October 4, 2025. This scientific event will provide an excellent opportunity for both research scholars and postgraduate students to interact and share their experience and knowledge of technology and its applications.

The symposium aims to offer a platform for researchers and practitioners from both academia and industry to share cutting-edge developments in several fields: electrical engineering, mechanical engineering, process engineering, and automation. Additionally, it will focus on drafting concrete project ideas, helping PhD students discuss their work, address questions related to their research, and receive constructive feedback.

Honorary chair

Pr. GHOUINI Larbi University rector

Organizing Committees

Organizing Committee Chair:

Pr. FARES Chahinez Dean of the Faculty of Technology

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Dr. ALLOUACHE Hadj	Vice-dean of pedagogy
Pr. BELMADANI Bachir	President of the Scientific Council of the Faculty
Dr. KHATI Azedine	Head of the mechanical engineering department
Dr. BESSAAD Taib	Head of the Electrical Engineering department
Dr. MAHMOUDI Larbi	Head of the Process Engineering department
Dr. OUMSALEM Abdallah	Head of the Electronics department
Dr. BENAOUA Mahmuod	Head of the Common Core in Technology department
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Pr. BELALIA Azedine	Laboratory of Mechanics and Energetics

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DAHEL Aicha

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BOUDAR MOUSTFA

GHERIOUNE Fatiha

BELMADANI Halima

MERINI Amina

BESSBA ABDELAH

GOUMIDI Lamia

CHEROUR AICHA

Laboratory of Control, Testing, Measurement and Mechanical Simulation

Laboratory of Water and Environment

Laboratory of vegetal Chemistry, Water-Energy

Laboratory of Electrical Engineering and Renewable Energies

Laboratory of Signals, Systems and Artificial Intelligence

Secretary General of the Faculty

Head of Cooperation and External Relations at the Faculty

head of the Computer Science Pedagogical Laboratory

Head of Faculty Resources

Head of postgraduate service at the faculty

postgraduate service

laboratory engineer

head of personnel services

Head of Information and Guidance Service

secretary

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Pr. ZIDANE Ibrahim

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ADARDOUR Haroun Errachid, MCA-UHBC

ACHOUR Djalloul, MCA-UHBC

FEKAOUNI M.F, MCA-UHBC

TEBANI Hocine, MCA-UHBC

- The official language of the DST'05-2025 meeting is Arabic, English or French.
- Plenary sessions, as well as invited talks and contributions, should be done in English.
- Oral presentation dates: October 04, 2025.

Presentation

Direct or remote presentation

Contact

E-mail: doctoral.symposium@univ-chlef.dz

Tél: (+213) 6 61 53 32 04



LABORATOIRE
Eau & Environnement
U H B C



Aims and Topics

- 1: Process engineering covers, but is not limited to: electrochemistry; corrosion; process intensification; adsorption; environment; etc.
- 2: Electrical Engineering: covers, but is not limited to: power electronics; electrical networks; electrical control; renewable energy and energy conversion; PV systems; etc.
- 3: Mechanical engineering covers, but is not limited to: mechanical behavior of metal alloys; polymers and composites; tribology & surface coating; fluid mechanics; mass and heat transfer; the rheology of complex fluids; technologies and manufacturing processes; and renewable energies in mechanics.
- 4: Electronics covers, but is not limited to: automatic systems; control; diagnosis; and artificial intelligence.

Key dates

- All PHD students of the Faculty of Technology at UHB Chlef must present their works through oral presentations.

The Fourth Doctoral Symposium on Technology (DST'05-2025): Process, Mechanical, Electrical, and El



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Faculty of Technology, UHB Chlef