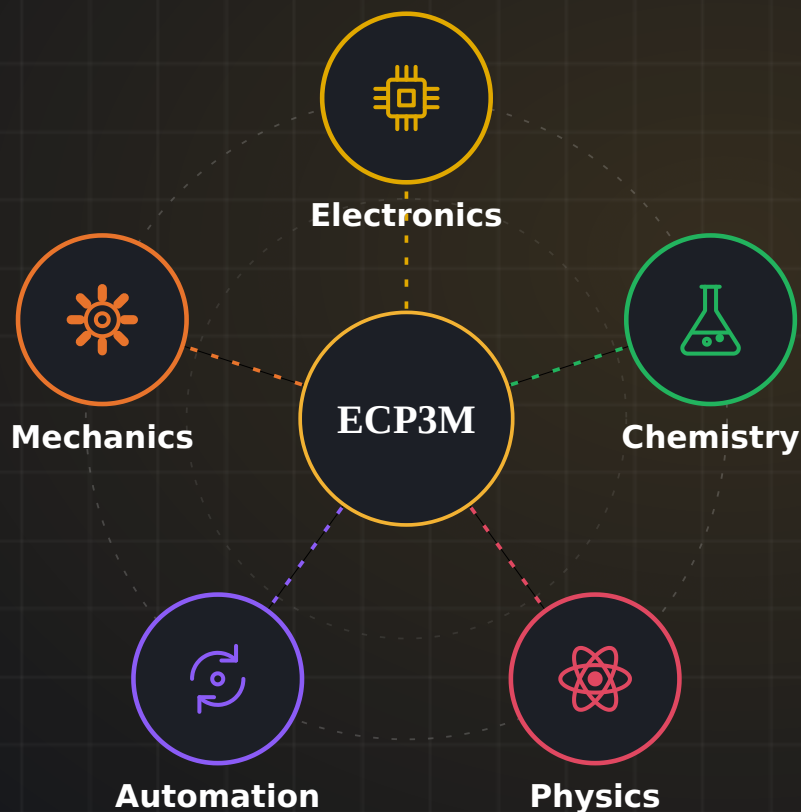


SCIENTIFIC DAY

Scientific Day of the ECP3M Laboratory

Innovation, research and perspectives of the ECP3M laboratory



**26
November 2026**

Main Auditorium, Faculty
of Exact Sciences and
Computer Science (FSEI),
Abdelhamid Ibn Badis
University of
Mostaganem

CALL FOR ABSTRACTS

JS-ECP3M 26

Laboratory of Materials Processing and of Physico-Mechanical and Metallurgical Characterization

Honorary Chair
To be confirmed

Chair of the Scientific Day
Prof. Abdelkader BOUKORTT
Laboratory director

**Chair of the Scientific
Committee**
Dr. Said MESKINE
Prof. Hocine GUECHICHI
Dr. Charef ABBES
Prof. Abdelkader BOUKORTT
Dr. Hamza ABBASSA
Team leaders

**Chair of the Organizing
Committee**
To be confirmed

Preamble

As part of its scientific activities, the ECP3M laboratory is organizing its Scientific Day on the theme 'Innovation, research and perspectives of the ECP3M laboratory'. The event brings together researchers, teacher-researchers, doctoral students, students and partners to share recent results and open new collaboration perspectives.

It highlights the laboratory's expertise in materials simulation, processing and characterization, at the interface of electronics, physics, applied chemistry, automation and mechanics.

We warmly invite doctoral students and researchers to submit an abstract and contribute to the success of this event.

Scientific axes

Electronics and electrotechnics

1

Hall-effect sensors, optoelectronic devices, solar cells, power converters and micro-transformers.

Team 4

Associated researchers

Applied sciences and chemistry

2

Thin-film processing (sol-gel, SILAR, dip-coating), nanocomposites, ZnO, CZTS, hydrothermal synthesis, materials characterization.

Team 3

Team 1

Physics

3

First-principles (DFT) calculations, magnetism, Heusler alloys, spintronics and 2D materials.

Team 4

Team 5

Team 1

Automation and industrial programming

4

State-feedback control, microgrid energy management, real-time monitoring and supervision, industrial programming.

Associated researchers

Mechanics

5

Multiaxial fatigue, contact mechanics, shot peening and residual stresses, durability of surface-treated parts.

Team 2

Team 1

Objectives

Important dates

-  **16 October 2026**
Call for abstracts opens · To be confirmed
-  **8 November 2026**
Abstract submission deadline · To be confirmed
-  **15 November 2026**
Notification of acceptance · To be confirmed
-  **26 November 2026**
Scientific Day

Submission guidelines

Title Bold, concise and informative.

Authors SURNAME First name¹; SURNAME First name².

Affiliation Department / laboratory / faculty / university.

Abstract Maximum 250 words, in Arabic, French or English: objective, methodology and main findings.

Keywords 5 to 6 keywords.

Scientific axis Select the relevant axis (1 to 5).

Participation Oral communication or poster (A0 template provided).

Registration and submission

Doctoral students and researchers are invited to submit an abstract for a poster session or an oral communication (name, institutional e-mail, type of presentation, abstract title).

The form link will be announced soon.

Proceedings and publications

Accepted abstracts will be gathered in the book of abstracts of the Scientific Day (details to be confirmed).

General programme

08:30 - 09:00	Reception of participants and opening speeches. Welcome address by the laboratory director and speeches by university authorities.
09:00 - 10:30	Session 1: presentation of ECP3M research areas. Multiscale simulation, DFT (Wien2k, FPLO) and micro-devices (SILVACO).
10:45 - 12:30	Oral session: doctoral students and guests of honour. Short presentations followed by questions and answers.
14:00 - 16:00	Poster session and simulation technique demonstrations. Posters in the hall and demonstration workshops of the computational codes.

Venue

Main Auditorium, Faculty of Exact Sciences and Computer Science (FSEI), Abdelhamid Ibn Badis University of Mostaganem