

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University Ziane Achour of Djelfa



Laboratory of Development in Mechanics
and Materials LDMM

&

Department of Mechanical Engineering

Organize, in collaboration with:

Faculty of Sciences and Technology, university of Djelfa
& Laboratory of Applied Mechanics LMA, USTO Oran

**3rd National Seminar
& Workshop on Open
source & Free Software
in Mechanical Engineering**

OSFS-Meca2026



October 21-22, 2026

Preface

OSFS-Meca2026 is the third seminar and workshop on **Free and Open Source Software applied to mechanical engineering**. It will take place on **October 28–29, 2026**, in partnership with the Laboratory of Development in Mechanics and Materials (LDMM) and the Faculty of Science and Technology, University Ziane Achour of Djelfa, Algeria.

Following the success of previous editions, the scientific committee has decided to organize this seminar annually, each time in a different city or university.

- The 1st Scientific Day (**OSFSD-2022**) was held at the University of **Tissemsilt**, in partnership with the Applied Mechanics Laboratory (LMA-USTO), Oran.
- The 1st Seminar (**OSFS-Meca 2023**), Tissemsilt.
- The 2nd Scientific Day (**FOSS-2024**), Mascara.
- The 2nd Seminar (**OSFS-Meca 2024**), Mostaganem.

OSFS-Meca2026 aims to highlight the application of free and open-source software and codes in mechanical engineering. This scientific event focuses on research work that utilizes open-source tools, free software, and original programming solutions to address complex engineering problems.

The main objective of OSFS-Meca2026 is to bring together the national open-source community, including researchers, academics, and PhD students, and to promote the effective use of open-source solutions in scientific and engineering applications.

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Dr. Aissa MERAH	CRAPC Biskra	<p style="text-align: center;">Topics</p> <ul style="list-style-type: none"> ✓ COMPUTATIONAL FLUID DYNAMIC ✓ HEAT AND MASS TRANSFER ✓ AERODYNAMICS ✓ RENEWABLE ENERGY & ENVIRONMENT ✓ MULTIPHASE FLOW ✓ REACTIVE FLOW & COMBUSTION ✓ TURBOMACHINERY ✓ FLUID-STRUCTURE INTERACTION ✓ POROUS MEDIUM ✓ MATERIAL SCIENCES & STRUCTURE ✓ EARTHQUAKE ENGINEERING ✓ GEOTECHNICAL ENGINEERING <p style="text-align: center;">Aims and Objectives</p> <ol style="list-style-type: none"> 1. Promote the use of free and open-source numerical simulation tools in mechanical engineering. 2. Bring together the community of researchers from different national universities and research centers that use this kind of software. 3. Raise awareness within the scientific community about intellectual property and reduce the use of unlicensed software. 4. Create bridges between users of the same numerical tools to facilitate exchange of information. <p style="text-align: center;">Submission Conditions</p> <ul style="list-style-type: none"> ✓ Submissions should be prepared as extended abstracts (2–4 pages). ✓ Authors must use open-source software, free software, or original code in their scientific work. ✓ Authors are kindly requested to follow the provided template and respect the submission deadline. 	<p style="text-align: center;">Kinds of communication</p> <ul style="list-style-type: none"> ✓ Plenary ✓ Oral Communication ✓ Poster Communication <p style="text-align: center;">Important Dates</p> <ul style="list-style-type: none"> ✓ Submission Deadline: August, 31 2026 ✓ Acceptance Notification: September, 20 2026 ✓ Final Version: October, 01 2026 <p style="text-align: center;">Registration Fees </p> <p>🌐 Participation in the seminar is free of charge</p> <p>Submissions must be made in PDF format via the submission link provided below. Participants are also invited to visit our website for more information.</p> <ol style="list-style-type: none"> 1. Submission process, click here. <div style="text-align: center;">  </div> <p>For any further inquiries, please do not hesitate to contact us by email.</p> <p style="text-align: center;">E-mail : osfs.meca2026@univ-djelfa.dz</p> <div style="text-align: center;">  </div>
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