



First Call for Paper

The 1st National Workshop on Challenges and Advances in Engineering (CAE'2025), organized by the Faculty of Science and Technology at Djilali Liabès University, aims to create a collaborative and scientific environment that brings together researchers, engineers, professionals, and students from diverse fields of engineering.

Held on 18–19 November 2025 in Sidi Bel Abbès, Algeria, the workshop will focus on the most recent trends, challenges, and technological developments shaping modern engineering systems. With a multidisciplinary perspective, CAE'2025 will highlight both theoretical modeling advancements and real-world applications, offering a platform for the exchange of ideas, presentation of research findings, and development of future collaborations.

Topics will span a wide range of engineering domains including mechanical, civil, hydraulics, and process engineering, with special attention to innovation, sustainability, and digital integration in engineering practice.

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TOPICS

- **MECHANICAL ENGINEERING STRUCTURAL INTEGRITY, RELIABILITY, AND MAINTENANCE**
- **ADVANCED STRUCTURE AND MATERIALS IN CIVIL ENGINEERING**
- **GREEN NANO TECHNOLOGY APPLIED IN PROCESS ENGINEERING**
- **MODELING, SIMULATION, AND OPTIMIZATION IN ENGINEERING**
- **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN WATER MANAGEMENT AND PREDICTION HYDROLOGICAL ENGINEERING.**
- **SMART MATERIALS AND ADVANCED MANUFACTURING**

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PAPER SUBMISSION

For paper submissions and inquiries, please send your manuscript to:

✉ Email: nwcae2025@univ-sba.dz

SUBMISSION DEADLINE

SEPTEMBER 25TH, 2025

NOTIFICATION OF ACCEPTANCE

OCTOBER 20TH, 2025

FINAL VERSION SUBMISSION

NOVEMBER 3TH, 2025

WORKSHOP DATES

NOVEMBER 18-19TH, 2025

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