

1st National Seminar on Structural Mechanics and Materials (SNMSM'25)

October 29-30th, 2025



University Mohamed Boudiaf of M'Sila

Faculty of Technology
Mechanical Engineering Department



CERTIFICATE Of PARTICIPATION

This Certificate is awarded to :

Fatima Zohra Bakhti

For the **ORAL** presentation of the paper entitled : ***Numerical Study of Thermal and Hydraulic Behavior of Nanofluids in Perforated Pin-Fin Heat Sinks***

Authors: ***Fatima Zohra BAKHTI, Souad BENKHERBACHE and Nafissa MOUSSAOUI***

at the 1st National Seminar on Structural Mechanics and Materials (SNMSM'25), held at M'Sila University-Algeria, on October 29-30th 2025.

Dean of the Faculty



Conference Chair

Dr. Cherif SAIB

