



# Certificate of Appreciation



المؤتمر العربي الثاني للميكانيكا والهندسة

Second Arab Conference on Mechanics & Engineering

We undersigned do hereby proudly present this certificate of attendance to recognition of an outstanding attendance record to **Mohamed-Saïd Chebbah**

In technical presentation, recognition and appreciation of research contributions to ARCME'23: ARab Conference on Mechanics & Engineering held on 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> of December 2023 in University of Biskra, Algeria.

*Title: Optimization of Heat-treatment Parameters with Taguchi Method for API X52 Pipe steel.*

*Co-Authors: Zouaoui Khalil, Saib Cherif, Begar Abdelhakim.*

Conference Chair  
Dr. Kamel Aoues

