

Ministry of Higher Education and Scientific Research

University 8 Mai 1945 Guelma

Faculty of Science and Technology and Laboratory of Applied Mechanics of new Materials



The 1st International Conference of Materials Engineering and Renewable Energy,  
I C M E R E 2024, November 9 -11, Guelma -Algeria



### Certificate of Participation

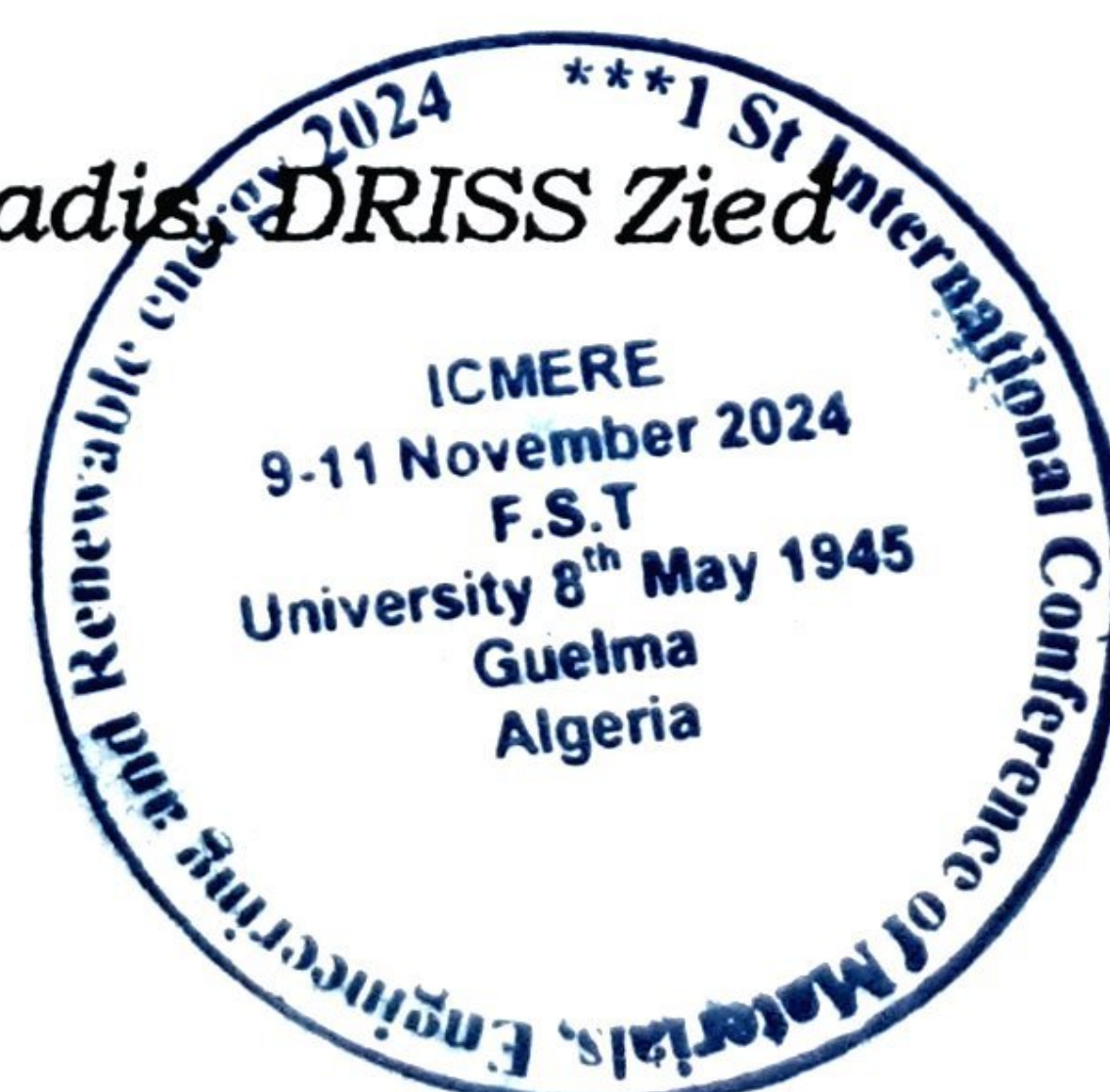
This is to certify that Prof./Dr./Mr./Mrs./Ms.

**HAMRIT Fareh**

Has participated in the "1<sup>st</sup> International Conference of Materials Engineering and Renewable Energy"  
and Presented a Poster Presentation titled : Modeling and simulation of unstable turbulent flow in a  
solar heater test bench using Ansys software

Co-authors: TALOUB Djedid, BAKRI Badis, **DRISS Zied**

ICMRE 2024 Conference Chairman  
**Prof. Abderrezak BEZAZI**



Chairman of the Organizing Committee  
**Prof. Nabil KRIBES**