



1985



جامعة محمد بوضياف - المسيلة
Université Mohamed Boudiaf - M'sila

Certificate of Participation

This is to certify that:

Ayyoub Zeghlache

Participated in the "The 2nd International Conference of Advanced Technology in Electronic and Electrical Engineering (ICATEEE2025)" held from December 10-11, 2025, at University of M'Sila, Algeria" with a presentation entitled:

Comparative Analysis of Conventional and Improved QPLL for PMSM Speed Control Under Sensor Fault

Co-authors: Hemza Mekki, Ali Djerioui, Abdelmoumin Ouali.



ICATEEE 2025

December 10-11, 2025, at University of M'Sila, Algeria
<https://media.univ-msila.dz/ICATEEE25/>



Prof: Ismail GHADBANE

General Chair