



Certificate of Participation

This is to certify that:

Chaima Chabira

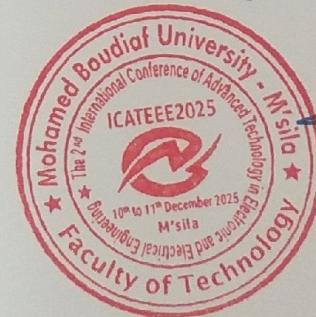
Participated in the "*The 2nd International Conference of Advanced Technology in Electronic and Electrical Engineering (ICATEEE2025)*" held from December 10-11, 2025, at University of M'Sila, Algeria with a presentation entitled:

Leak Detection and Localization in Pipelines with Volume Rate Estimation Based on Pressure Signals

Co-authors: Haddi Bakhti, Miloud Bentoumi, Ibraheem Shayea, Riyadh Benyettou.



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



Prof: Ismail GHADBANE
General Chair