



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.



ICATEEE 2025

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Prof: Ismail GHADBANE
General Chair