



Certificate of Participation

This is to certify that:

Houssam eddine Ghadbane

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:

Hardware-in-the-Loop of an Optimal Energy Management Strategy for Electric Vehicle Applications

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