

The First International Conference on Petrochemistry and Energy Transition (ICPET'23) November
21st to 23rd, 2023, Skikda-Algeria



Attendance and Presentation Certificate

This is to certify that

Ibrahim CHOUIDIRA

has attended The First International Conference on Petrochemistry and Energy Transition (ICPET'23)
on November 21-23/2023 Skikda-Algeria and presented the paper entitled: "Robust fault-tolerant
control based on direct torque control DTC by using a multi-winding model for simulate broken bars"

Co-authors: Djalal Eddine KHODJA

21-23 November 2023

Date



ICPET-23



Signature