



Department of Science Physics in cooperation
with the Laboratory of Mathematics and
Applied Physics



The 1st National Conference on Physics and it's Applications THIS IS TO CERTIFY THAT

MOUSSA Oussama

Has made **Oral** presentation Titled:

" Uncertainty-Induced Robust Nonlinear Control of a Three-Phase Shunt Active Power Filter "

In this national conference held at Higher Normal School of Bousaada, Algeria,

(NCPA2023) 02 December 2023

Co-author. **HELLALI Lallouani , BOUZIDI Ali ,AKKA Ali.**



General Chair of NCPA2023

Chair of NCPA 2023
Dr. AKKA Ali

Topic 5: Rebewable energy