



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

**OUAGUENI Fayssal**

Has made **Oral** presentation Titled:

**" Modeling and Control of the Nonlinear Tubular Solid-Oxide Fuel Cell System  
Based on TS Fuzzy Theory and Predictive Control**

"

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

(NCPA2023) 02 December 2023

Co-author. **BOUREGUIG Kada , BENGUESMIA Hani.**



Topic 5: Rebewable energy