



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

SAMIR HAMRIT

Has made *Oral* presentation Titled:

" Nanostructured Transparent Conductive Oxide Al doped ZnO thin films onto glass substrates deposited by RF- magnetron sputtering from supercritical solvothermal nanopowder target. "

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

(NCPA2023) 02 December 2023

Co-author. **Hanane CHENAGUE, Sara SADEDDINE, Abdelhafid MAHROUG.**



General Chair of NCPA2023

Chair of NCPA 2023
Dr. AKKA Ali