



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

Hatem ALLAF

Has made **Oral** presentation Titled:

" Physical properties of Be-Based fluoroperovskite compounds $XBeF_3$ ($X = K, Rb$): a first-principles study "

In this national conference held at Higher Normal School of Bousaada, Algeria,
(NCPA2023) 02 December 2023

Co-author. **M. Radjai, D. Allali.**



General Chair of NCPA2023

Chair of NCPA 2023

Dr. AKKA Ali