



LMAP

LABORATORY OF  
MATHEMATICS AND  
APPLIED PHYSICS  
المدرسة العليا للأستاذة - بوسنادة  
ENS-BOUSAADA

Ministry of Higher Education and Scientific Research  
Higher Normal School of Bou Saada  
Department of Science Physics and Laboratory  
of Mathematics and Applied Physics



ENS

Bou Saada

الجاهد الفريق أحمد قايد صالح

## CERTIFICATE OF PARTICIPATION

The Organizing Committee of the Second National Conference on Physics and its Applications  
(20 Novembre 2025) is pleased to award this certificate to :

Sara SEGHIR BIREM

in recognition of his active participation in the conference with an poster presentation  
entitled: " An Integrated Renewable Energy Approach: Developing a Precision Solar Ir-  
radiance Meter Using Arduino "



NCPA 2025

NATIONAL CONFERENCE ON  
PHYSICS AND IT'S APPLICATIONS

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HIGHER SCHOOL OF TEACHERS,  
BOUSAADA

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