



**LMAP**  
LABORATORY OF  
MATHEMATICS AND  
APPLIED PHYSICS  
المدرسة العليا للأساتذة - بوسعادة  
ENS-BOUSAADA

Ministry of Higher Education and Scientific Research  
Higher Normal School of Bou Saada  
Department of Science Physics and Laboratory  
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## 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 :

**Yousf Islem BOUREZG**

in recognition of his active participation in the conference with an Oral presentation  
entitled: “ Nano-Sized Sodium Zinc Phosphate Glasses Doped with Cobalt Oxide: Structural and Dielectric Properties “

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