



People's Democratic Republic of Algeria  
Ministry of Higher Education and Scientific Research  
University of Ziane-Achour Djelfa  
Faculty of Exact and Computer Sciences  
Department of Matter Sciences

## CERTIFICATE OF PARTICIPATION

N°: CP-029

THIS IS TO CERTIFY THAT

**Dr. ABDERRAHIM SIASSI**

***PARTICIPATED IN THE FIRST NATIONAL CONFERENCE ON MATTER SCIENCES***

**NCSM2023 (Presential and online) 20 DECEMBER 2023 DJELFA-ALGERIA with **POSTER** communication**  
**entitled: Study of Structural, Electronic and Optical Properties of Ag Doped ZnO Nanoparticles by Co-precipitation Method**

**Co-authors: Abderrahim SIASSI, Rabie AMARI, Abdelhalim KAHOUL, Bahri DEGHEFEL, Salim DAOUDI**

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**Dr. AISSAOUI Regadia**  
President of The  
First National Seminar  
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عبد كلية العلوم الدقيقة  
الإعلام الآلي  
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