



People's Democratic Republic of Algeria  
Ministry Of Higher Education and Scientific Research  
Constantine 1, frères Mentouri University  
Faculty of Exact Sciences



**The First International Congress on Recent Advances in Mathematical,  
Physical and Chemical Sciences  
(1<sup>st</sup>-ICRAMPCS 2024)**

## ***CERTIFICATE OF ATTENDANCE***

*The scientific committee of 1st-ICRAMPCS 2024 certifies that:*

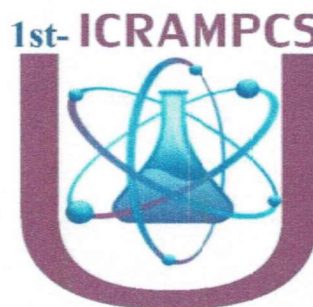
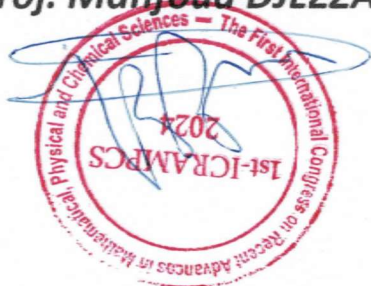
***Imadeddine BELLILI***

*has attended the congress with a poster presentation entiteled:*

***Impact of Sn doping on the physical properties of ZnO sprayed thin films for use as solar cell electrodes***

*Co-authors are respectively: Warda DARENFAD & Noubel GUERMAT*

**Chairman of the Congress  
Prof. Mahfoud DJEZZAR**



**Dean of Exact Sciences Faculty  
Prof. Nadir BELLEL**



**Chargé de la Gestion des Affaires  
de la Faculté des Sciences Exactes  
Pr. BELLEL Nadir**