



**1st International Conference on Physico-chemistry,
Materials Sciences & Applied Mathematics**

(ICPMSAM'23)

CERTIFICATE OF ATTENDANCE

(N°505323)



This Certificate that, GUERMAT Noubell

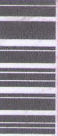
**Has attended the conference on November 27-28, 2023 with the Poster presentation
entitled: Structural, optical and electrical properties of sprayed CuO thin films:
influence of Co-doping
as the main author of this work.**

Co-authors are respectively: Darenfad warda, Mirouh kamel

Chairman of the Conference



CONFERENCE CHAIR



Dr. BOUATROUS Mehieddine

