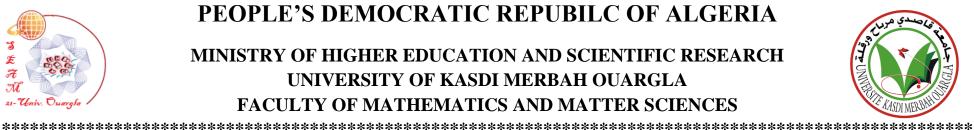




## PEOPLE'S DEMOCRATIC REPUBILC OF ALGERIA





 $N^{\circ}$ : TAM291/2021

1<sup>st</sup> International Conference on Sustainable Energy and Advanced Materials

IC-SEAM'21 April 21-22, 2021, Ouargla, ALGERIA (Virtual conference)

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## CERTIFICATE OF PARTICIPATION

The organizing committee of the first International Conference on Sustainable Energy and Advanced Materials IC-SEAM'21 April 21-22, 2021, Ouargla, ALGERIA, certifies that:

## Yousra MAMOUNI

presented a Poster communication entitled:

structural, electronic, thermoelectric and optical properties of CuAlS2 chalcopyrite material

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