CERTIFICATE of participation

This certificate is proudly presented to

ALLAF HATEM

for his/her participation in the paper entitled

Ab initio study of Structural, Elastic and thermodynamic properties of CaLiCl3 compound

with co-authors : Radjai Missoum, Allali Djamel

at the International Conference on Solar Energy and Hybrid Systems (ICSEHS'22) held on

03 May 2023 in Laghouat, Algeria.

The conference Chair Pr. Ali Cheknane

