



People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of Relizane
Faculty of Science and Technology
Department of Chemistry
Environment and Sustainable Development Laboratory (ESDL)



CERTIFICATE OF PARTICIPATION

This certificate is awarded to:

Hatem Allaf

In recognition to their participation En distanciel to the Second Edition of the national Seminar entitled:
ENVIRONNEMENT & GESTION DURABLE (HYBRID-SNEGD'23)
held on 09-10 December 2023 in Relizane (Algeria) with an online communication entitled:

structural, elastic, electronic and optical properties of BaLiCl₃ perovskites: ab initio exploration.

Co-auteurs: Radjai Missoum and Djamel Allali.



<https://snegd23.sciencesconf.org/registration>

University of Relizane

