



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 Conference of Chemistry and Physics:
Two disciplines, a unified vision of matter. 1st-ICCP 2025
December 14-15, 2025. Constantine, Algeria



CERTIFICATE OF ATTENDANCE

The scientific committee of 1st-ICCP 2025 certifies that:

ABDELMADJID Zahra

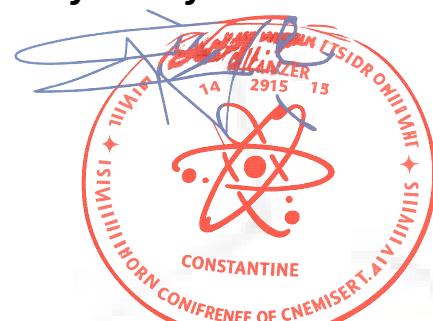
has attended the congress with a poster presentation entiteled:

Cluster Approach to Ising-Type Model for Spin Crossover Systems with Ferromagnetic and Antiferromagnetic interactions

Co-authors are respectively: **Abboud Metatla**

Chairman of the Conference

Prof. Mahfoud DJEZZAR



Dean of Exact Sciences Faculty

Prof. Nadir BELLEL

