



University Mohamed El Bachir El IBRAHIMI of Bordj Bou Arreridj
Faculty of Sciences and Technology
Department of Matter Sciences
Laboratory of Materials Physics, Radiation and Nanostructures



Certificate of Participation

This is to certify that

Allaf Hatem

Has participated in the National Seminar of Physics, Chemistry, and Their Applications **Webinar (NSPCA'23)** which has been held in the Faculty of sciences and technology, University Mohamed El Bachir El Ibrahimy of Bordj Bou Arreridj, Algeria. March 6th-7th 2023 and have given the following Poster presentation:

Examining computationally structural and elastic properties of the hexagonal material using DFT framework

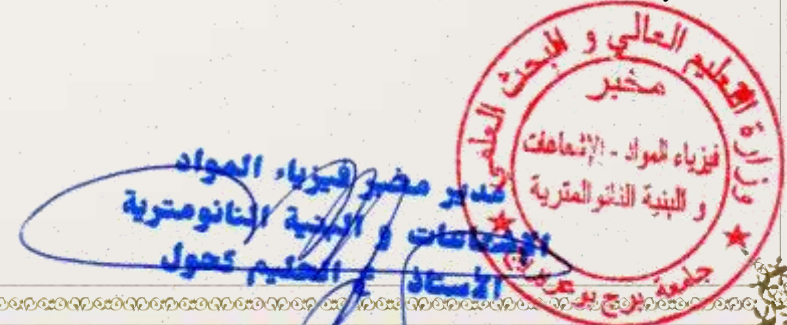
With co-authors: Radjai Missoum , Allali Djamel

NSPCA'23 *chairman*



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Head of the Laboratory



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