



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

Farouk TAHROUR

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 Oral presentation.

Analyse des performances d'un échangeur de chaleur avec différentes géométries d'ailettes annulaires

With co-authors: Fares Djeflal, Abdelmoumene Hakim BENMACHICHE

NSPCA'23 chairman

Head of the Laboratory

