



## Paper Presentation Certificate

This is to certify that the paper entitled

Machine Learning for Predicting Perovskite Solar Cell Opto-Electronic Properties

by *Sarhan M. Musa*

has been presented at the

**International Conference on Data Analytics for Business and Industry**

organized by the University of Bahrain

on 26 – 27 October 2020 ONLINE



Hatem Masri , Program Chair

A handwritten signature in purple ink, reading "Hatem Masri".