



International Conference on Electrical, Computer and Energy Technologies

09 - 10 December  
2021  
Cape Town

# *CERTIFICATE OF PARTICIPATION*

*Presented to*

**THABO MAKOLA**

*for an oral presentation in the conference with paper title:*

**713: USING FEATURE ENGINEERING TECHNIQUES TO IMPROVE MULTIVARIATE  
MODEL FORECASTING OF THE SOUTH AFRICAN UNEMPLOYMENT RATE**

The contribution is awarded with this certificate.

Dr. Rokhsareh Akbarzadeh  
Conference Co-Chair

Dr. Simon Winberg  
Conference Co-Chair

