

**CERTIFICATE**

*Of*

**PARTICIPATION**

**Abderrahim ZEMMIT**

has participated in 4th International Conference on Frontiers in Academic Research on 13-14 December in  
2024 at Konya/Turkey.

**PAPER TITLE**

*Optimization of hydrogen production using MPPT algorithms in a PV  
system*

**PRESENTATION TYPE**

*Oral*

  
ICFAR



*All Sciences Academy*