

**CERTIFICATE**

*Of*

**PARTICIPATION**

**Chaima CHABIRA**

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

**PAPER TITLE**

*Enhancing Leak Detection in WDNs with CWT and CNN Using  
Pressure Signals*

**PRESENTATION TYPE**

*Oral*

  
ICFAR



*All Sciences Academy*