



**2<sup>nd</sup> International Conference on Artificial Intelligence,  
Blockchain, and Internet of Things,  
Central Michigan University, USA  
September 07-08, 2024**

## **CERTIFICATE OF PARTICIPATION**

**This is to certify that the following participants:**

**Mohamed Mahmoud**

**Presented the paper titled:**

**Privacy Preservation Techniques in Smart Grids: Balancing Security and Utility in IoT-Driven Environments**

**isÜ**  
İSTİNYE  
ÜNİVERSİTESİ  
İ S T A N B U L

  
**Dr. Ahmed Abdelgawad**  
**General Chair**

 **IEEE**  
**Northeast Michigan**  
**USA**