



**2<sup>nd</sup> International Conference on Artificial Intelligence,  
Blockchain, and Internet of Things,  
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## **CERTIFICATE OF PARTICIPATION**

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

**Mohamed Badar**

**Presented the paper titled:**

**Secure Energy Transactions in Smart Grids Using Blockchain and Machine Learning**

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İ S T A N B U L

  
**Dr. Ahmed Abdelgawad**  
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