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وزارة التعليم العالي و البحث العلمي  
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH  
جامعة الجلفة  
UNIVERSITY OF DJELFA, ALGERIA  
كلية العلوم والتكنولوجيا  
FACULTY OF SCIENCES AND TECHNOLOGY



# CERTIFICATE OF PARTICIPATION

2024 ICTIS

DJELFA, ALGERIA ON DECEMBER 14-15, 2024

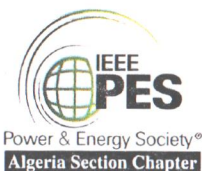
THIS TO CERTIFY THAT  
**Mostepha SAIED**

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Has successfully presented a paper entitled: **A New Chaotic System Based on 1D-Enhanced Logistic Map for Image Encryption**

Co-Authored by: Elhadi MEHALLEL, Slimane BENMAHMOUD, Abdelhalim RABEHI, Abdelhadi LABIAD, Djamel

at the 2024 International Conference on Telecommunications and Intelligent Systems (ICTIS)



2024 ICTIS General Chair  
**Dr. Abdelhalim RABEHI**

