



IEEE 4th International Conference on Computing and Machine
Intelligence
April 05-06, 2025
Central Michigan University

CERTIFICATE

of Participation

This certificate is presented to
Malak Abdallah

For participating and presenting the
paper titled:

RealACaller: Real-Time Arabic Audio Deepfake
Detection App for Smartphones

A handwritten signature in blue ink, appearing to be "Ah".

General Chair
Ahmed Abdelgawad, PhD