



# CERTIFICATE OF PARTICIPATION & PRESENTATION

This is certify that

## Samir Mezghiche

Has attended the 12th International Conference on Green Energy & Environmental Engineering (GEEE-2026) from April 27, 2026 to April 30, 2026 in Istanbul, Turkey and made an online presentation of the paper entitled :

« A Fast Hybrid Modeling Approach for Design Optimization of Permanent Magnet Synchronous Machines with Nonlinear Magnetic Saturation Effects ».

co-author(s) : Brahim LADGHEM CHIKOUCHE



**General Chairs :** Pr. Ioan-Cezar Marcu (ROU)

Pr. Guleda Engin (TUR)



**CNPSI Director :** Dr. Ahmed Rhif (TUN)