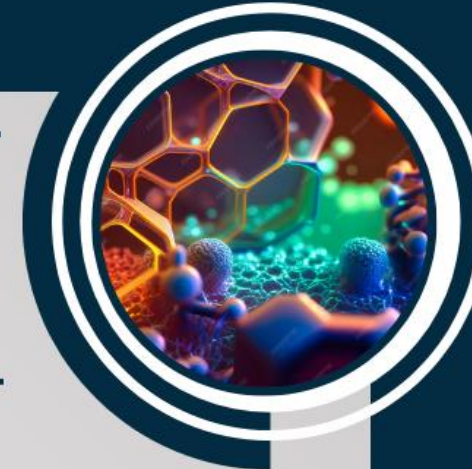




VI INTERNATIONAL WORKSHOP OF  
THE GRADUATE PROGRAM ON  
PHYSICS ENGINEERING



## CERTIFICATE

Hereby we certify that the work **Investigating the Anisotropic Magnetoresistance (AMR) in Permalloy ( $\text{Ni}_{80}\text{Fe}_{20}$ ) Thin Films**, submitted by **André José de Carvalho Silva, José Holanda da Silva Júnior** was presented as a Poster Communication by **André José de Carvalho Silva** at the VI International Workshop of the Graduate Program on Physics Engineering at UFRPE, hosted in-person, from November 12th to 13th, 2025.

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RAFAEL ALVES DE OLIVEIRA  
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