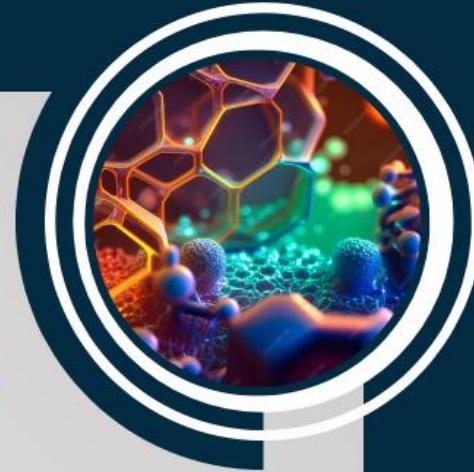




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## VI INTERNATIONAL WORKSHOP OF THE GRADUATE PROGRAM ON PHYSICS ENGINEERING

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### CERTIFICATE

Hereby we certify that the work **Investigating the Anisotropic Magnetoresistance (AMR) in Permalloy ( $Ni_{80}Fe_{20}$ ) 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.

Cabo de Santo Agostinho – PE, 18<sup>th</sup> of November 2025.



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RAFAEL ALVES DE OLIVEIRA  
CONFERENCE CHAIR

