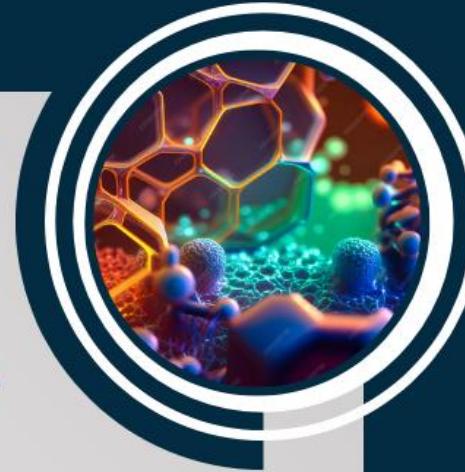




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## VI INTERNATIONAL WORKSHOP OF THE GRADUATE PROGRAM ON PHYSICS ENGINEERING

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### CERTIFICATE

Hereby we certify that the work **Computational Study of Greenhouse Gas Interactions with Doped Graphene Surfaces**, submitted by **Jhulie Alexandre de Oliveira, Renaldo Tenório de Moura junior, Vitória Maria de Santana, Rachel Azevedo Maia, José Leonardo Alves Ferreira, Eldarlir Cristina Maria dos Santos** was presented as a Poster Communication by **Jhulie Alexandre de Oliveira** 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

