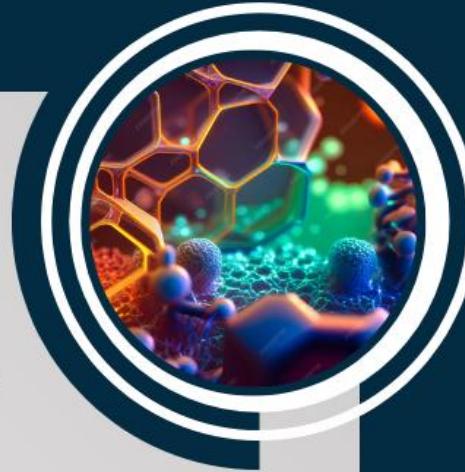




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VI INTERNATIONAL WORKSHOP OF  
THE GRADUATE PROGRAM ON  
PHYSICS ENGINEERING

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## CERTIFICATE

Hereby we certify that **Weliton Soares Martins** has successfully presented an invited lecture entitled **FROM CHAOTIC DYNAMICS TO NONLINEAR PHOTONICS: STRUCTURED LIGHT AND MACHINE LEARNING IN OPTICAL CHARACTERIZATION** at the VI International Workshop of the Graduate Program on Physics Engineering at UFRPE, hosted in-person, from 12th to 13th of November 2025.

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



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RAFAEL ALVES DE OLIVEIRA  
CONFERENCE CHAIR

