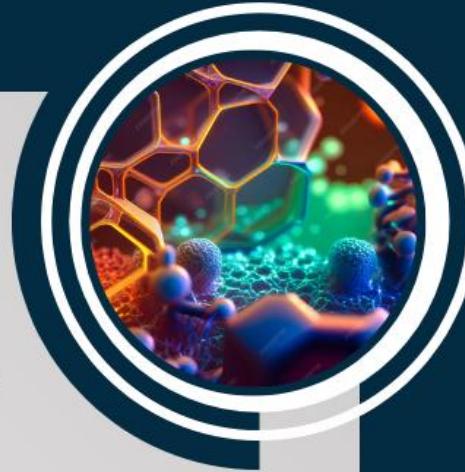




VI INTERNATIONAL WORKSHOP OF
THE GRADUATE PROGRAM ON
PHYSICS ENGINEERING



CERTIFICATE

Hereby we certify that **Igor Alessandro Silva Carvalho** has successfully presented an invited lecture entitled **MULTIMODAL CO-LOCALIZED SPECTROSCOPY FOR PHYSICO-CHEMICAL CHARACTERIZATION OF SAMPLES** 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, 18th of November 2025.



RAFAEL ALVES DE OLIVEIRA
CONFERENCE CHAIR

