



# 10<sup>th</sup> School on COMBUSTION

CI-WS 2025

10<sup>th</sup> International Combustion  
Institute Winter School

We hereby certify that the work “Thermodiffusive Instabilities and Turbulent Stretching in Hydrogen Flames: 2D vs 3D DNS Analysis” was presented by João Amaral at the 10<sup>th</sup> International Combustion Winter School, held in Campinas, SP, Brazil from July 20<sup>th</sup>–25<sup>th</sup> 2025.

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**Prof. Dr. Rogério Gonçalves dos Santos**  
Chair of the Organizing Committee

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