



# 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 “Experimental Study of the Effects of Single-Pulse High-Pressure Direct Injection of Ethanol on Heat Release Rate and Emissions” was presented by Igor Rodrigues dos Santos 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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