

CERTIFICATEOF PRESENTATION

We certify that Felipe Kraus

presented the paper entitled:

i-PENTANE AND i-PENTENE AS GASOLINE SURROGATES FOR THE TRANSPORT INDUSTRY: A
NUMERICAL ANALYSIS ON IGNITION DELAY TIMES USING DETAILED CHEMICAL KINETICS

authored by:

Felipe Kraus, Amir Antonio Martins Oliveira, Ana Carolina Bueno Bontorin, Anderson Rouge Dos Santos, Leonel R Cancino

during the 18th Brazilian Congress of Thermal Sciences and Engineering – ENCIT 2020, from NOVEMBER 16TH TO 20TH 2020.

Prof. Dr. Francis França Chair of the ENCIT 2020



