



encit 2020

18th Brazilian Congress of Thermal
Sciences and Engineering

CERTIFICATE OF PRESENTATION

We certify that **Laura Tatiana Meneses Barrera**

presented the paper entitled:

**NUMERICAL SIMULATION OF A SPARK IGNITION INTERNAL COMBUSTION ENGINE USING
ETHANOL-GASOLINE BLENDS**

authored by:

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

A handwritten signature in blue ink, appearing to read "Francis França", written over a horizontal line.

Prof. Dr. Francis França
Chair of the ENCIT 2020

