

**ATE
HEFAT
2021**



Heat Transfer Fluid Mechanics
and Thermodynamics
Applied Thermal Engineering
VIRTUAL CONFERENCE
26-28 July 2021

CERTIFICATE

OF

ORAL PRESENTATION

AWARDED TO

Ana Carolina De Paula

FOR PRESENTING

NUMERICAL STUDY OF NATURAL CONVECTION INDUCED BY COLLIMATED
IRRADIATION IN ENCLOSURES CONTAINING PARTICIPATING GASES

Ana Carolina Paula and Kamal Abdel Radi Ismail (University of Campinas, Brazil)

AT

THE 15th INTERNATIONAL CONFERENCE ON HEAT TRANSFER, FLUID
MECHANICS AND THERMODYNAMICS (HEFAT) AND EDITORIAL
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