

**ATE
HEFAT
2021**



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

CERTIFICATE

OF AWARD FOR

BEST PAPER

IN

TURBULENCE & TURBULENCE FLOWS 2

AWARDED TO

**NUMERICAL STUDIES OF AREA BLOCKAGE RATIO EFFECTS ON
HYDROGEN TURBULENT PREMIXED FLAMES**

Mohamed Elshimy, Salah Ibrahim and Weeratunge Malalasekera (Loughborough
University, United Kingdom)

AT

**THE 15th INTERNATIONAL CONFERENCE ON HEAT TRANSFER, FLUID
MECHANICS AND THERMODYNAMICS (HEFAT) AND EDITORIAL
BOARD OF APPLIED THERMAL ENGINEERING (ATE)**

A handwritten signature in black ink, appearing to be "J.P. Meyer", written in a cursive style.

Prof. J.P. Meyer
ATE-HEFAT 2021 | Conference Chair
Head of Mechanical and Aeronautical Engineering,
Faculty of Engineering, Built Environment & IT
University of Pretoria

**ATE
HEFAT
2021**



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

CERTIFICATE

OF

ORAL PRESENTATION

AWARDED TO

Mohamed Elshimy

FOR PRESENTING

**NUMERICAL STUDIES OF AREA BLOCKAGE RATIO EFFECTS ON HYDROGEN
TURBULENT PREMIXED FLAMES**

Mohamed Elshimy, Salah Ibrahim and Weeratunge Malalasekera (Loughborough University, United Kingdom)

AT

**THE 15th INTERNATIONAL CONFERENCE ON HEAT TRANSFER, FLUID
MECHANICS AND THERMODYNAMICS (HEFAT) AND EDITORIAL
BOARD OF APPLIED THERMAL ENGINEERING (ATE)**

Prof. J.P. Meyer
ATE-HEFAT 2021 | Conference Chair
Head of Mechanical and Aeronautical Engineering,
Faculty of Engineering, Built Environment & IT
University of Pretoria