

**ATE
HEFAT
2021**



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

CERTIFICATE OF ORAL PRESENTATION

AWARDED TO

Osama Aljolani

FOR PRESENTING

**EXERGETIC ANALYSIS OF AN AIR CONDITIONING SYSTEM FOR RESIDENTIAL
APPLICATIONS IN EUROPE BASED ON CO₂ AS A WORKING FLUID**

Osama Aljolani , Florian Heberle and Dieter Brueggemann (University of Bayreuth, Germany)

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