

**ATE
HEFAT
2021**



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

CERTIFICATE

OF

ORAL PRESENTATION

AWARDED TO

Guanyi Chen

FOR PRESENTING

**A THERMAL MANAGEMENT DESIGN BASED ON PHASE CHANGE MATERIAL AND
FINS FOR LITHIUM-ION BATTERY**

Guanyi Chen, Hang Kang, Yong Shi, Liaoyuan Ran and Yong Ren (University of Nottingham, China)

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