

**ATE
HEFAT
2021**



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

CERTIFICATE
OF
ORAL PRESENTATION

AWARDED TO

Wahaizad Safiei

FOR PRESENTING

**EXPERIMENTAL INVESTIGATION ON THE THERMAL CONDUCTIVITY AND
DYNAMIC VISCOSITY OF TRI-HYBRID AQUEOUS NANOFUIDS WITH AN
ADDITION OF ETHYLENE GLYCOL**

Wahaizad Safiei, Md.Mustafizur Rahman and Md.Noor Arifin (Universiti Malaysia Pahang, Malaysia)

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

**ATE
HEFAT
2021**



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

CERTIFICATE
OF
ORAL PRESENTATION

AWARDED TO

Wahaizad Safiei

FOR PRESENTING

**RECENT DEVELOPMENT OF THE NANOFUID AND ITS HYBRIDIZATION AS A
COOLANT IN VARIOUS SUSTAINABLE MACHINING PROCESSES: A REVIEW**

Wahaizad Safiei, Md.Mustafizur Rahman and Ibrahim Sadiq (Universiti Teknologi Malaysia, Malaysia)

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