

**ATE
HEFAT
2021**



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

CERTIFICATE

OF

ORAL PRESENTATION

AWARDED TO

Alison Subiantoro

FOR PRESENTING

**ANALYSIS OF A CROSS VANE MULTI-STAGE COMPRESSOR FOR A HIGH
TEMPERATURE HEAT PUMP SYSTEM**

Joshua Young and Alison Subiantoro (University of Auckland, New Zealand)

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

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SESSION CHAIR

AWARDED TO

Alison Subiantoro

FOR CHAIRING

COMPUTATIONAL FLUID DYNAMICS 3

AT

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OF SERVICE

ON THE

Technical Programming Committee

AWARDED TO

Alison Subiantoro

FOR

**THE 15th INTERNATIONAL CONFERENCE
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MECHANICS AND THERMODYNAMICS
(HEFAT) AND EDITORIAL BOARD OF
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