

**ATE
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2021**



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

CERTIFICATE
OF
ORAL PRESENTATION

AWARDED TO

Joshua Young

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)**

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