

**ATE  
HEFAT  
2021**



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

# CERTIFICATE

OF

## ORAL PRESENTATION

AWARDED TO

**Vadim Dubovsky**

**FOR PRESENTING**

**AIR FORCED CONVECTION OVER A TWO-SIDED SINUSOIDAL WAVY PLATE  
INSERTED IN A NARROW TUBE**

Vadim Dubovsky and Ruth Letan (Ben-Gurion University of the Negev, Israel)

AT

**THE 15<sup>th</sup> 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

**Vadim Dubovsky**

**FOR PRESENTING**

**AIR NATURAL VENTILATION OF AN UNDERGROUND SHELTER**

Ruth Letan and Vadim Dubovsky (Ben-Gurion University of the Negev, Israel)

AT

**THE 15<sup>th</sup> INTERNATIONAL CONFERENCE ON HEAT TRANSFER, FLUID  
MECHANICS AND THERMODYNAMICS (HEFAT) AND EDITORIAL  
BOARD OF APPLIED THERMAL ENGINEERING (ATE)**

A handwritten signature in black ink, appearing to read "J.P. Meyer".

Prof. J.P. Meyer  
ATE-HEFAT 2021 | Conference Chair  
Head of Mechanical and Aeronautical Engineering,  
Faculty of Engineering, Built Environment & IT  
University of Pretoria