

**ATE
HEFAT
2021**



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

CERTIFICATE

OF

ORAL PRESENTATION

AWARDED TO

Elaine Cardoso

FOR PRESENTING

**A COMPARATIVE ANALYSIS BETWEEN CORRELATIONS AND NUMERICAL
MODELING ON THE THERMAL EFFICIENCY OF OPEN-CELL METAL FOAMS**

Leonardo Lachi Manetti (IFMS, Brazil), Iago Lessa de Oliveira and Elaine Maria Cardoso (São Paulo State University, Brazil)

AT

**THE 15th 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 be "J.P. Meyer", written in a cursive style.

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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FOR PRESENTING

VAPOR BUBBLE NUCLEATION DYNAMICS IN A SINGLE ARTIFICIAL CAVITY

Isabela Ignácio da Silva, Elaine Cardoso, Bruno Alves de Andrade (São Paulo State University, Brazil),
Jeferson Diehl de Oliveira and Anderson Giacomeli Fortes (FSG - Centro Universitário da Serra Gaúcha,
Brazil)

AT

**THE 15th INTERNATIONAL CONFERENCE ON HEAT TRANSFER, FLUID
MECHANICS AND THERMODYNAMICS (HEFAT) AND EDITORIAL
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OF SERVICE

ON THE

Technical Programming Committee

AWARDED TO

Elaine Cardoso

FOR

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