

**ATE  
HEFAT  
2021**



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

# CERTIFICATE

OF

## ORAL PRESENTATION

AWARDED TO

**Elie SOLAI**

**FOR PRESENTING**

**ACCURACY ASSESSMENT OF LI-ION BATTERIES INTERNAL RESISTANCE MODEL  
THROUGH CFD SIMULATIONS, EXPERIMENTAL MEASUREMENTS AND  
UNCERTAINTIES**

Elie SOLAI , H elo ise BEAUGENDRE , Pietro CONGEDO and Ulrich BIEDER (University of Paris-  
Saclay, France)

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 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  
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