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

CERTIFICATE OF POSTER PRESENTATION

AWARDED TO

Vitor Monteiro

FOR PRESENTING

A TWO-PHASE COMPUTATIONAL FLUID DYNAMICS MODELING OF A SEMI-INDUSTRIAL FLUIDIZED BED REACTOR USING OPENFOAM: PART 1

Vitor Monteiro, Maurício Guilherme Alves dos Reis, Washington Martins da Silva Junior, Alam Gustavo Trovó and Solidônio Rodrigues de Carvalho (Federal University of Uberlândia, Brazil) and Luciano Reis Infiesta (Carbogás Energia, Brazil)

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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**PYROLYSIS OF BRAZILIAN PLASTIC WASTE: A STUDY OF THE
THERMOGRAVIMETRIC PROCESS, WITH EVALUATION OF THERMOPHYSICAL
PROPERTIES, SYNGAS QUALITY AND ENERGY FEASIBILITY**

José Silvio Pessoa Filho and Vitor Monteiro (University of Uberlândia, Brazil), Valério Luiz Borges,
Valdislaine Maria Silva, Alan Gustavo Trovó and Solidônio Rodrigues de Carvalho

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