

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

CERTIFICATE

OF

ORAL PRESENTATION

AWARDED TO

Yanqing Guo

FOR PRESENTING

**SHEAR CONTROLLABLE SYNTHESIS OF MESOPOROUS SILICA SPHERICAL
PARTICLES USING SWIRLING FLOW REACTORS AND POST-HYDROTHERMAL
TREATMENT**

Yanqing Guo, Xiaogang Yang, guang li (University of Nottingham Ningbo China, China) and Jie Yang
(University of Hull, United Kingdom)

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".

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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SESSION CHAIR

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Yanqing Guo

FOR CHAIRING

COOLING, CRYOGENICS & ELECTRONIC COOLING 1

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