

## Accepted Manuscript

Experimental study on flow and heat transfer of power law fluid in structured packed porous media of particles

Xing-Wang Tian, Shi-Ming Xu, Zhen-Hua Sun, Ping Wang, Lin Xu, Zhang Zhang

PII: S0894-1777(17)30262-5

DOI: <http://dx.doi.org/10.1016/j.expthermflusci.2017.08.029>

Reference: ETF 9197

To appear in: *Experimental Thermal and Fluid Science*

Received Date: 29 December 2016

Revised Date: 25 July 2017

Accepted Date: 28 August 2017

Please cite this article as: X-W. Tian, S-M. Xu, Z-H. Sun, P. Wang, L. Xu, Z. Zhang, Experimental study on flow and heat transfer of power law fluid in structured packed porous media of particles, *Experimental Thermal and Fluid Science* (2017), doi: <http://dx.doi.org/10.1016/j.expthermflusci.2017.08.029>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



# Experimental study on flow and heat transfer of power law fluid in structured packed porous media of particles

Xing-Wang Tian<sup>1)2)</sup> Shi-Ming Xu<sup>1)†</sup> Zhen-Hua Sun<sup>3)</sup> Ping Wang<sup>1)</sup> Lin Xu<sup>1)</sup> Zhang Zhang<sup>1)</sup>

1) (Key Laboratory of Ocean Energy Utilization and Energy Conservation of Ministry of Education, Dalian University of Technology, Dalian 116024, China)

2) (School of Ocean and Civil Engineering, Dalian Ocean University, Dalian 116023, China)

3) (ENN Ubiquitous Energy Network Technology Co., Ltd, Langfang, 065000, China)

Xingwang Tian [txw-1203@126.com](mailto:txw-1203@126.com)

Shiming Xu [xsming@dlut.edu.cn](mailto:xsming@dlut.edu.cn)

Zhenhua Sun [dlutzhenhuasun@163.com](mailto:dlutzhenhuasun@163.com)

Ping Wang [wp2006@dlut.edu.cn](mailto:wp2006@dlut.edu.cn)

Lin Xu [linlin19872008@126.com](mailto:linlin19872008@126.com)

Zhang Zhang [1529597442@qq.com](mailto:1529597442@qq.com)

**Corresponding author: Dr. Prof. Shiming Xu** E-Mail: [xsming@dlut.edu.cn](mailto:xsming@dlut.edu.cn)

## *Present/permanent address*

Key Laboratory of Ocean Energy Utilization and Energy Conservation of Ministry of Education

Dalian University of Technology, Dalian 116024, China

Tel: +86-411-84708774

Download English Version:

<https://daneshyari.com/en/article/4992422>

Download Persian Version:

<https://daneshyari.com/article/4992422>

[Daneshyari.com](https://daneshyari.com)