

## Accepted Manuscript

Ceiling smoke front velocity in a tunnel with central mechanical exhaust system:  
Comparison of model predictions with measurements

F. Tang, F.Z. Mei, L.J. Li, L. Chen, J.X. Ding, Q. Wang, X.Y. Xu

PII: S1359-4311(17)32370-0  
DOI: <http://dx.doi.org/10.1016/j.applthermaleng.2017.07.132>  
Reference: ATE 10800

To appear in: *Applied Thermal Engineering*

Received Date: 8 April 2017  
Revised Date: 17 June 2017  
Accepted Date: 17 July 2017

Please cite this article as: F. Tang, F.Z. Mei, L.J. Li, L. Chen, J.X. Ding, Q. Wang, X.Y. Xu, Ceiling smoke front velocity in a tunnel with central mechanical exhaust system: Comparison of model predictions with measurements, *Applied Thermal Engineering* (2017), doi: <http://dx.doi.org/10.1016/j.applthermaleng.2017.07.132>

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.



1  
2 **Ceiling smoke front velocity in a tunnel with central**  
3 **mechanical exhaust system: Comparison of model predictions**  
4 **with measurements**

5  
6 **F. Tang<sup>a</sup>, F.Z. Mei<sup>a</sup>, L.J. Li<sup>a</sup>, L. Chen<sup>a</sup>, J.X. Ding<sup>a</sup>, Q. Wang<sup>a, b, \*</sup>,**  
7 **X.Y. Xu<sup>c</sup>**

8  
9 <sup>a</sup> School of Automotive and Transportation Engineering,  
10 Hefei University of Technology, Hefei, Anhui, 230009, China

11 <sup>b</sup> State Key Laboratory of Fire Science,  
12 University of Science and Technology of China,  
13 Hefei, Anhui, 230026, China

14 <sup>c</sup> Key Laboratory of Building Fire Protection Engineering and Technology of MPS,  
15 Tianjin, 300381, China

16  
17 \*Corresponding author: Tel: (86) 18256943282;

18 Fax: (86) 551 62901960;

19 Email address: wang214@ustc.edu.cn;

20  
21  
22 Submitted, April, 2017

23 Revised, June, 2017

Download English Version:

<https://daneshyari.com/en/article/4990753>

Download Persian Version:

<https://daneshyari.com/article/4990753>

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