

Full Paper Format for ICFMAE 2027 (Times New Roman, 14-point, Bold)

A. B. Author^{1*}, C. D. Author², J. Kumar³

¹Department of Mechanical Engineering, Ghani Khan Choudhury Institute of Engineering and Technology, West Bengal-732141, India

²Department of Metallurgical and Materials Engineering, Indian Institute of Technology Madras, Tamil Nadu – 600 036, India.

³Department of Engineering and Construction, University of East London, University Way, London, E16 2RD, United Kingdom.

Abstract

Length of the abstract is around 300 words. This is a nicely written abstract of the paper contents including scope, new experimental and/or modeling approaches and summary of major results. This is a nicely written abstract of the paper contents including scope, new experimental and/or modeling approaches and summary of major results. This is a nicely written abstract of the paper contents including scope, new experimental and/or modeling approaches and summary of major results. This is a nicely written abstract of the paper contents including scope, new experimental and/or modeling approaches and summary of major results. This is a nicely written abstract of the paper contents including scope, new experimental and/or modeling approaches and summary of major results. This is a nicely written abstract of the paper contents including scope, new experimental and/or modeling approaches and summary of major results. This is a nicely written abstract of the paper contents including scope, new experimental and/or modeling approaches and summary of major results. (Times New Roman, 10-point)

Keywords: Spray, atomization, measurement, drop size, imaging diagnostics (Times New Roman, 10-point)

1. Introduction (Times New Roman, 10-point, Bold)

The total paper length should not exceed 6 pages and must not exceed 10 MB (pdf file). Please submit pdf file, not word or latex files. Please stick to the format and style of the present guideline. Figures should be included in the text (not summarized at the end) and numbered as they appear. Figures must be referenced in the text. The same applies to tables. References should be numbered in square brackets as they appear in the text. See examples in the section References. Equations should be centered and numbered, number in brackets with right alignment.

This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. This is an excellent introduction into the topic of the paper. (Times New Roman, 10-point)

2. Numerical and/or Experimental Methods

Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study.

Equation (1) gives the Lewis number

$$Le = \frac{\lambda}{D} \quad (1)$$

as the ratio of thermal and molecular diffusivities, λ and D , respectively, as an example for mathematical equations. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study.

of the methods used in the present study. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study. Here we find an excellent description of the methods used in the present study.

3. Results and Discussion

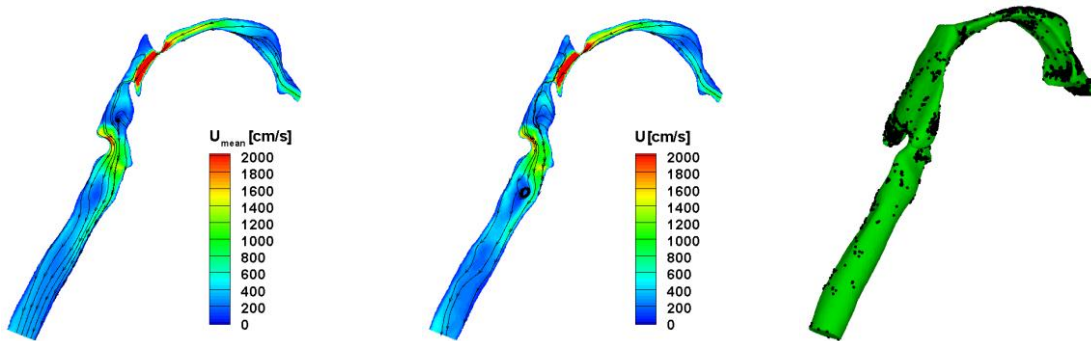
[illegible]

Figure 1: Title of the Figure

[illegible]

4. Summary and Conclusions

[illegible]

Acknowledgements

[illegible]

References

- [1] Dukowicz, *Journal of Computational Physics* 2: 111-566 (1980)
- [2] Bird, G. A., *Molecular Gas Dynamics and Direct Simulation of Gas Flows*, Oxford Science Publications 42, 1994.
- [3] Ge, H.-W., Gutheil, E., *Progress in Computational Fluid Dynamics* 7-8: 467-472 (2007).
- [4] Williams, F. A., *Physics of Fluids* 1: 541-545 (1958).
- [5] Marchisio, D. L., Vigil, R. D., and Fox, R. O., *Journal of Colloid and Interface Science* 258-2: 322-334 (2003).
- [6] Stieß, M., *Mechanische Verfahrenstechnik - Partikeltechnologie* 1, Berlin, Heidelberg: Springer, 2009.

- [7] Marchisio, D. L. and Fox, R. O., *Journal of Aerosol Science* 36: 43-73 (2005).
- [8] Fox, R. O., Laurent F., and Massot, M., *Journal of Computational Physics* 227-6: 3058-3088 (2008).
- [9] Chan, T. L., Liu, Y. H., and Chan, C. K., *Journal of Aerosol Science* 41: 553-568 (2010).
- [10] Selma, B., Bannari, R., and Proulx, P., *Chemical Engineering Science* 65-6: 1925-1941 (2010).
- [11] Mezzzi, L., Marchisio, L., and Lettieri, P., *Industrial Engineering and Chemistry Research* 49-11: 5141-5152 (2010).
- [12] Bruyat, A., Laurent, C., and Rouzand, O., *International Conference on Multiphase Flow*, Tampa, Florida, May 30 - June 4, 2010
- [13] Fox, R. O., *Industrial and Engineering Chemistry Research* 48-21: 9686-9696 (2009).
- [14] Abramzon, B., Sirignano, W. A., *International Journal of Heat and Mass Transfer* 32-9: 1605-1618 (1989).

