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*ABSTRACT*

English **Abstract** must be Times New Roman 8

State the most important part of your findings and achievements

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If your paper has nomenclature write it in a table like below:

|  |  |  |  |
| --- | --- | --- | --- |
| **NOMENCLATURE** | |  |  |
|  |  |  | Particle Specific density |
|  | Cunningham correction factor | *U* | Horizontal components of velocity (m/s) |
|  | Discrete lattice velocity in direction (k) | V | Vertical components of velocity (m/s) |
|  | Speed of sound in Lattice scale | Ui, Uj | Random numbers between 0 and 1 |
|  | Particle diameter (µm) | **Greek Symbols** |  |
|  | Equilibrium distribution function |  | Density (kg/m3) |
|  | Gravity( m/s2) |  | Lattice relaxation time |
|  |  |  | Particle relaxation time (s) |
|  |  |  | Lattice time step |
|  |  |  | Kinematic viscosity (m2/s) |
|  |  |  | Gas mean free path (µm) |
|  |  | **Subscripts** |  |
|  |  |  | Particle |
|  |  |  | Gas |

**1. INTRODUCTION[[1]](#footnote-1)**

The body of your paper must be Times New Roman 10 in two columns and line space for the whole paper is 1 cm.

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| --- | --- |
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In the text body write Table 1 or Figure 1 and in figure caption write **Figure 1.** and **TABLE 1.**

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**TABLE 1.** Strouhal number for different geometric cases

|  |  |  |
| --- | --- | --- |
| **HD** | **VD=0** | **VD=1** |
| 3 | 0.198 | 0.083 |
| 5 | 0.184 | 0.1 |

|  |
| --- |
| frozen_Topex11 |
| **Figure 1.** Deposition efficiency on a single square in channel |
| **0**  **20**  **40**  **60**  **80**  **100**  **0.1**  **1**  **10**  **Dp (Mm)**  **DF (%)**  LRR Model  Grgric et al. S1b Exp. (2004)  Grgric et al. S1a Exp. (2004)  k-w Model |
| **Figure 2.** Comparison of the present numerical results with the experimental data for deposition fraction of micro particles in flow rate of 60 lit/min. |

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**2. REFERENCES**

1. Authors last name, authors first name abbreviations, “title of paper” , ***Full Journal Name,*** Vol. 00, (year), page no. 00-00. DOI:

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| الملخص |
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1. \*Corresponding Author Institutional Email: [*cauth.@uokerbala.edu.iq*](mailto:%20cauth.@uokerbala.edu.iq%20) (The name of corresponding author) [↑](#footnote-ref-1)