

AUTHOR'S MANUAL FOR PREPARATION OF MANUSCRIPTS FOR THE PROCEEDINGS OF CFB-12

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Abstract – An abstract is required. The objective of the study together with summary of significant results and conclusions should be provided in the abstract.

INTRODUCTION

Manuscripts must be prepared with a one column layout, written in English (font: Times New Roman) and typed without numbered pages of A4 in camera-ready format. Set the margins as given in Table 1. All figures and tables should be included at the most appropriate locations within the main text, and not placed on separate pages. The paper length is limited to 8 pages.

Table.1: Margins configuration.

| Margin | Left | Right | Top | Bottom |
|--------|------|-------|-----|--------|
| cm | 2 | 2 | 2 | 1.3 |

TITLE AND AUTHORS

This should contain the following items in the given order.

- 1) TITLE, should be in Times New Roman 14-point, boldface type, capitals only.

The TITLE has to be centered. Leave a space of 6 points below the TITLE.

- 2) Author name(s), are to be centered beneath the title and printed in Times Roman 12-point, boldface type. The Author's line should be separated from the following line with the AFFILIATION(s) by a space of 6 points. The AFFILIATION(s) are to be centered and printed in Times Roman 11-point, italic type. If authors' affiliations differ, these should be identified by use of superscripts 1, 2, etc. Corresponding author should be identified by superscript *.

ABSTRACT

Abstract should be in Times New Roman 11-point type. It has to be indented by 1 cm (0.4") on the right and left side, and be separated from the lines above and below by a vertical space of 10 point each.

MAIN TEXT

MAIN TEXT is to be in a one-column format. Type the main text in 11-point Times New Roman, single-spaced. Do NOT use double-spacing. Make sure your text is fully justified—that is, flush left and flush right. Please place a 10 point spacing between paragraphs.

FIGURES AND TABLES

Because the conference will not do the final formatting of your manuscript, you need to place figures and tables in the paper accordingly.

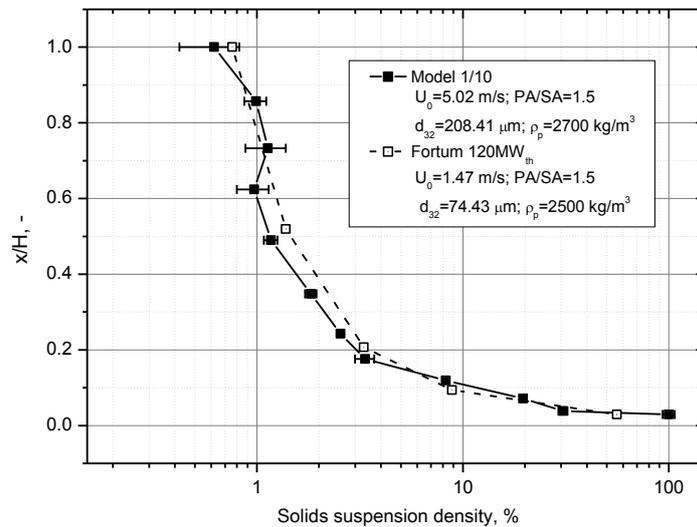


Fig. 1. Suspension density distributions for the Fortum 120MW_{th} CFB boiler and the cold model 1/10 at 100% MCR.

All figures and tables should be consecutively numbered, with the captions placed below a figure and the caption placed above a table. Each figure or table should be placed as close as possible to where it is first mentioned in the text.

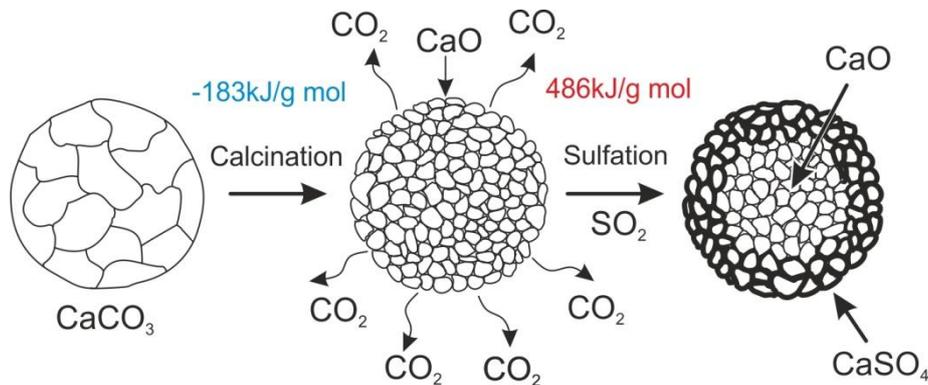


Fig. 2. Schematic illustration of calcination and sulfation reactions.

There is no restriction on the type and size of the font to be used in figures. However, the font in figures should generally be smaller than the font in the main text, and be clear and legible. Drawings, graphs and charts should be professionally drawn using software that is compatible with the word processor used. Photographs should be scanned as high-resolution compressed black and white images. All figures come embedded in the text file and not as separate file items. Use the abbreviation “Fig.” even at the beginning of a sentence. Figure and table headings should be in Times New Roman font, point size 10. HEADINGS should be centered. If your figure has two parts, include the labels “(a)” and “(b)” as part of the artwork. Color printing of figures is not available for the proceedings.

EQUATIONS

Number the equations in order with parentheses. Cite as Eq. (1), Eqs. (2) and (3). Indent the equation by 1 cm. Be sure that the symbols in your equations have been defined in the NOTATION.

$$u_t = \frac{(\rho_p - \rho_f)gd_p^2}{18\mu_f} \quad (1)$$

NOTATION

A NOTATION section should be provided, listing all symbols with a short explanation and its dimension. Within the NOTATION section a two column layout may be used. Examples:

| | | | |
|---|----------------|---|---------|
| L | length, m | t | time, s |
| T | temperature, K | | |

UNITS

SI units are recommended. Examples: U_g [m/s] or U_g [ms^{-1}]

REFERENCES

All publications cited in the text should be presented in a list of references, arranged alphabetically first and then further sorted chronologically if necessary. More than one reference from the same author(s) in the same year must be identified by the letters "a", "b", "c", etc., placed after the year of publication. Examples:

- Agrawal, K. Loezos, P. N., Syamlal, M., Sundaresan, S. 2001. The role of meso-scale structures in rapid gas-solid flows. *Journal of Fluid Mechanics* 445, 151-185.
- Li, J. 1987. Multi-Scale Modeling and Method of Energy Minimization for Particle-Fluid Two-Phase Flow, Doctor thesis, Institute of Chemical Metallurgy, Chinese Academy of Sciences, Beijing.
- Li, J., Kwauk, M. 1994. Particle-fluid two-phase flow energy-minimization multi-scale method, Metallurgical Industry Press, Beijing.
- Qi, H., You, C., Boemer, A., Renz, U. 2000. Eulerian simulation of gas-solid two-phase flow in a CFB-riser under consideration of cluster effects, in: Xu, D., Mori, S. (Eds.), *Fluidization 2000: Science and Technology*, Xi'an Publishing House, Xi'an, pp. 231-237.

References in the text should be cited as:

- ... Author (year) wrote ... or
... Author1 and Author2 (year) wrote ... or
... Author1 et al. (year) wrote ...
- ... can be found in (Author, year). ... or
... can be found in (Author1 and Author2, year). ... or
... can be found in (Author1 et al., year). ...

SUBMISSION OF MANUSCRIPTS

Your final manuscript should be uploaded by **December 30, 2016** at the conference web site <http://www.cfb12.org/>