10th International Conference on
COMPUTATIONAL FLUID DYNAMICS
in the Oil & Gas, Metallurgical and Process Industries

Trondheim, Norway 17-19 June 2014

INSTRUCTIONS FOR AUTHORS
to prepare manuscript for CFD2014

Template **files** for MS Word and LaTeX are provided in the website of the conference which must be used by the authors in order to prepare their papers for CFD2014. A maximum limit of **10 pages** applies, but we encourage papers to be between 4 and 8 pages.

It is intended to include papers in the conference proceedings which will be provided digitally. ___It is therefore required that the authors only use the provided template and comply with its format (font, spacing, etc.).___

Any questions may be addressed to Jan.E.Olsen@sintef.no .

INSTRUCTIONS

The paper should be in English and contain the following elements in the order shown:

• Title
• Author names and affiliation
• Abstract
• Keywords
• Nomenclature
• Main text
• Acknowledgements
• References
• Appendices (if applicable)

Page setup

Paper size: **A4**.
Layout : **double column** of width **80mm** with **10mm** between columns (as in template file).
Margins: top, right, left :**20 mm**, bottom: **15 mm**

Title

The title should be concise and clearly reflect the contents of the paper.
It should be in **bold, centred, 12-point Arial All Caps** font.
The title must not exceed two lines.

Author name(s) and affiliation(s)

The author name(s) and affiliation(s) should be **centred** below the title, in **Arial 9-point bold** font. The authors' names should be listed in sequence, separated by commas, in one line if possible. The corresponding author should be indicated with an asterisk (*) following the **surname in all caps format**. **The presenting author's name should be underlined.**

Author affiliations should appear in **centred, 9-point Arial** font. Affiliations should include mailing address. If different authors have different affiliations, then the affiliations should appear in sequence below the author names. Superscript of numerals (1, 2, 3, etc.) should be used to relate the author and the corresponding affiliations (see template for clarification). For authors with more than one affiliation, superscript alphabets should be used to indicate the secondary affiliation, which should appear in the footer of the page.

The corresponding author's e-mail address should appear in **centred, 8-point Arial** font. Leave one line in 8-point Arial font between this line and the last affiliation line.

Leave 5 lines in 9-point Times New Roman font beneath the e-mail address before the Abstract starts.

Header and Footer

Footer for all pages is page number in **centred 9-point Times New Roman**.

First page header is provided in the template.
In the field to the right, the paper ID (CFD11-paper number) should be given. You will receive your paper ID in an e-mail from the secretary of the conference. Paper ID should appear in **italic 9-point Times New Roman, justified right** in the field.

Even pages
In the header appears name(s) of the author(s) with first name(s) abbreviated (see the template). The text should be in **centred 9-point italic Times New Roman**.

Odd pages
In the header appears the title of the article / paper ID in **centred 9-point italic Times New Roman** (see the template).

Abstract

The abstract should give a clear indication of the objective, scope and results of the study presented in the paper. The abstract must not exceed **150 words** and should appear in **justified 9-point Times New Roman** font.

Keywords

Under abstract comes "Keywords:" in **bold, 9-point Arial** font. Follow this line with a list of 3-5 keywords or phrases that best describes the work being discussed in the paper. Keywords should appear in **9-point Times New Roman** font.

Nomenclature

Nomenclature should be listed in alphabetic order with the English symbols following the Greek symbols and sub/superscripts grouped at the end. It should include a complete listing of all notations used in the formulations together with their SI units. SI units should be used throughout the paper. All symbols must be italic ($a, f, \rho, \mu,$ etc.). Use regular bold letters for vector quantities (**u**, **F**, etc.).

Text

All **text** in the article must appear in **justified, 10-point Times New Roman**.

The text should be divided into sections (**starting with introduction**) describing the objectives, the description of the problem, the method of solution and any other relevant information. The text should also include "**results and discussions**" and "**conclusions**" sections. Ensure that the last page columns are balanced.

Figures and tables
Figures and tables should be embedded in the text and should appear as close as possible after the first reference to them. **Font size for text in tables should be 9**.
Figures should be clear and the text used in the figures must be sufficiently legible. Authors are encouraged to include colour figures.

Both figures and tables should be numbered consecutively and have a caption beneath them (**justified left**). Use "Figure" and "Table" for caption title in **9-point, bold, Times New Roman** and **9-point, Times New Roman** for caption text.

Tables and figures which extend over the whole width of the page should be placed either at the top or bottom of the page.

Heading and Subheadings
All headings should appear in **10-point, bold, all caps, Arial** font.

Subheadings may be used to divide the subject in any given into logical parts. All subheadings should appear in **10-point, bold, Arial** font (see the template). Sub-subheadings (mainly, title of equations) should appear in **10-point, italic, Times New Roman** font (see the template).

Equations
Equations should be numbered consecutively beginning with (1). The number should be set flush right in the column. Equations must be typed in **10-point, italic, Times New Roman** font.

Acknowledgements

Individuals and institutions that have made a significant contribution to the contents of the paper may be acknowledged.

References

References must follow the style indicated in the attached example.

Size limitations

Please ensure that the size of the paper does not exceed **10 MB**.