

INSTRUCTIONS FOR THE PREPARATION AND SUBMISSION OF PAPERS TO VIII CAIQ2015 AND 3JASP

First Author^{*}, Second Author and Third Author

Institution:

Address:

E-mail: (of the first author)

Abstract. This document offers detailed instructions for the preparation and submission of papers to the CAIQ2015 - VIII Argentinean Congress of Chemical Engineering that will take place in Buenos Aires city in the “Palais Rouge” Convention Center from August 2 to 5, 2015

Keywords: First Keyword, Second Keyword and Third Keyword.

1. Introduction

The full manuscript could be written in **SPANISH or ENGLISH**. The layout and style to be adopted in the preparation of your paper are described and illustrated through an example. *Authors are requested to adhere to these instructions*. A document template automatically setting the prescribed layout and style is also provided. If you are already familiar with Word, then the VIII CAIQ template should be of great help, since it will change the design until it is adjusted to the requirements of the congress. Nonetheless, the use of the document template is not mandatory. Full Papers should be submitted electronically in pdf format through the “Authors System” of the Congress. Except any exceptional case that must be justified, the Full Papers must not be sent separately by e-mail. In that case, it can not be ensured that the paper will be included in the CD (Compact disk) that will contain them.

* To whom all correspondence should be addressed

1.1. Paper Length

Papers must be of a **maximum of 20 pages and a minimum of 10 pages**, size A4 (210 mm x 297 mm), including figures and tables. The text should be typed in one column. The first page should contain the title, the list of authors' names, author affiliations and addresses as well as the abstract. The abstract should contain a maximum of **250 words**, based on your accepted extended abstract. The body of the paper should start with an **Introduction** section describing the objectives and relevance of the work as well as significant prior contributions, and end with a **Conclusions** section containing a clear and concise review of the main results.

1.2. Printing Area

Each A4 page must be formatted with left/right margins of 35 mm and top/bottom margins of 30 mm. Therefore, the printing area is *140 mm × 210 mm*. The text should be justified so that the right margin is not ragged. No borders or page numbers should be included. Page numbering in the final manuscript should be allocated by the volume editor.

1.3. Layout, Typeface, and Font Sizes

Times New Roman or Times font should be adopted. Regarding the font size and style, it should be used: (a) boldface 14-point font for the paper title; (b) 12-point font for the rest of the manuscript. A summary of the required font sizes and styles is given in Table 1. If not strictly required, bold type and underlining should be avoided.

Table 1. Font sizes and styles for headings

Heading level	Example	Font size and style
Title (centered)	Authors' Instru...	14 point, bold
1 st -level heading	1. Introduction	12 point, bold
2 nd -level heading	2.1. Printing Area	12 point, bold
3 rd -level heading	Section Titles. Text follows	12 point, bold
4 th -level heading	<i>Remark.</i> Text follows ...	12 point, italic

Title. The paper title should be placed two lines below the top margin, typed in boldface caps and centered. A single line spacing should be left between the title and the list of authors.

Authors and Affiliations. Authors' names must include the first and middle names initials followed by the last name. They should be centered and separated by commas. A superscript set on each author's name should be used to indicate his/her affiliation. Names and addresses of their institutions should also be centered. Two lines spacing should be left between the addresses and the Abstract.

Abstract and Keywords. The title **Abstract** should be formatted with left/right margins of 40 mm and typed followed by a period. Right after the period, the content of the abstract should be written without changing line. A single line spacing should be left between the abstract last line and the keywords. The heading **Keywords** followed by a colon should be typed in boldface and left aligned. Three keywords, capitalized and separated by commas, should be included. Two lines spacing should be left between the keywords and the main text.

Paper Body. The main text should be typed with a 1.5 line spacing and justified. The first line of each paragraph should be indented 5 mm from the left margin. No line spacing should be left between paragraphs.

Section Titles. Titles should only be assigned to sections and subsections. Section titles should be capitalized (i.e., nouns, verbs, and all other words except articles, prepositions, and conjunctions should be set with an initial capital), boldface and, with the exception of the paper title, left aligned. Sections should be identified using Arabic numerals, followed by a period, a blank space and the section title. A single line spacing

should be left both above and below the section title. Subtitles should be identified using two Arabic numerals separated by a period and followed by a period, a blank space and the subtitle. A single line spacing should be left both above and below the subtitle.

Subsection Titles. Titles of subsections (or 3rd-level headings) should not be numbered but indented 5 mm from the left margin and followed by a period. The text should be typed right after the 3rd-level heading without changing line. Just the first letter of the subsection title should be capitalized and boldfaced.

1.4. Tables and Illustrations

Please produce your figures electronically, and integrate figures and tables into your text file. Figures, tables and photographs should be placed as close to their first reference in the text as possible. Figures and Tables should be numbered using Arabic numerals. Tables should be presented in the form shown in Table 1. Tables and captions should be centered, with the caption located just above the table and no line spacing between them. Vertical lines should be avoided. Labels for every row and column and proper units for the data should be given.

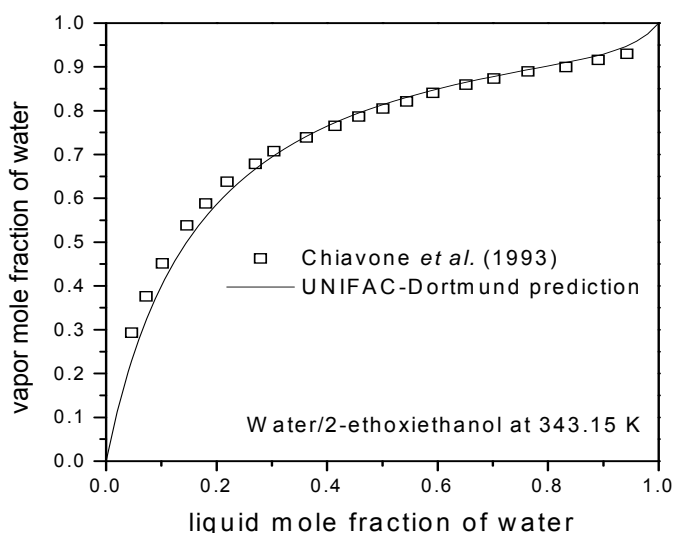


Fig. 1. Equilibrium curve of system water/2-ethoxyethanol at 343.15 K.

In the same way, figures should be centered and numbered, with each one having its own legend. The legend should be centered right below the figure with a single line

spacing separating them (see Figure 1). Use 9-point type to write the figure legends. Labels for plot coordinate axes and proper units for the data should be given. Grids and details within the figures must be clearly readable and may not be written one on top of the other. The lettering in figures should have a height of 2 mm (10-point type). If you have to insert a page break before a figure, please ensure that the previous page has been completely filled. Finally, a couple of recommendations: (a) Remember that illustrations in the Proceedings will be black and white (halftones). (b) Avoid using shading.

1.5. Equations, symbols and units

Equations should be left aligned on a separate line with an extra line or halfline spacing above and below, and numbered with an Arabic numeral placed within parentheses and right aligned. For example,

$$d_i + l_i - C_i \leq M W_{i'} \quad \forall i, i' \in I \quad (1)$$

En el texto, la Ecuación (1) debe ser referida como Ec. (1), excepto al inicio de la oración donde se debe usar Ecuación (1).

1.6. Program Code

Program listings or program commands in the text are normally set in typewriter font, e.g., Courier New.

Example of a Computer Program from Jensen K., Wirth N. (1991) Pascal user manual and report. Springer, New York

program Inflation (Output)

```
{Assuming annual inflation rates of 7%, 8%, and
```

```
10%,... years};
```

```
const MaxYears = 10;
```

```
var Year: 0..MaxYears;
```

```
Factor1, Factor2, Factor3: Real;
```

```
begin
```

```

Year := 0;
Factor1 := 1.0; Factor2 := 1.0; Factor3 := 1.0;
WriteLn('Year 7% 8% 10%'); WriteLn;
repeat
  Year := Year + 1;
  Factor1 := Factor1 * 1.07;
  Factor2 := Factor2 * 1.08;
  Factor3 := Factor3 * 1.10;
  WriteLn(Year:5,Factor1:7:3,Factor2:7:3,
    Factor3:7:3)
until Year = MaxYears
end.

```

1.7. Footnotes

The superscript numeral used to refer to a footnote should appear in the text either directly after the word (phrase or sentence) to which is related, following the punctuation sign (comma, semicolon, or period). The footnotes should appear at the bottom of the normal printing area, with a line 2 cm long set immediately above them.¹

Acknowledgements

This section should be placed at the end of work before the References section. This section should include economic, institutional and personal support acknowledgements. This section should not be numbered.

References

References should be listed in alphabetic order by surname at the end of the paper following the section title **References** right after the Acknowledgment section. Do not begin a new page with the Reference section unless it is absolutely necessary. The

¹ The footnote numeral is set flush left and the text follows with the usual word spacing. Second and subsequent lines are indented. Footnotes should end with a period.

References section should not be numbered and, with the exception of the title, should be typed in 9-point font. Each line of a reference, except the first, should be indented 5 mm from the left margin. All references included in the list should be cited in the text and vice versa. References are to be cited in the text by author's name (year), or (authors' names, year). For instance, Smith and Jones (1970), or (Ekeland et al., 1985). The expression et al. should be used when there are three or more authors. Two or more papers by the same authors published in different years should be chronologically arranged. Two or more papers by the same authors published in the same year should be distinguished by letters after the year.

Brooke, A., Kendrick, D., Meeraus, A. A. (1992). GAMS- A User's Guide (Release 2.25). *The Scientific Press*. San Francisco, CA.

Gooding, W. B., Pekny, J. F., McCroskey, P. S. (1994). Enumerative Approaches to Parallel Flowshop Scheduling via Problem Transformation. *Comput. Chem. Eng.*, 18, 909.

OSL. (1991). *OSL, Guide and Reference (release 2)*, IBM: Kingston, NY.

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