

## **Manual for Technical-Scientific Paper Elaboration**

### **1 General Conditions**

The content of the technical-scientific paper is the responsibility of its authors and the concepts in it do not express the ideas and opinions of ICC and ABRACO.

By submitting their papers, the authors agree, with no prior authorization, that ICC and ABRACO have full right to include them in the proceedings, to use, to publish, to disclose and to pass them on, without authors coming be entitled to any remuneration under copyright.

The submitted abstracts will be reviewed by the Technical-Scientific Committee, which may make suggestions, which will be sent to the authors for their appreciation.

It is mandatory that the paper presenter must be one of the authors of the paper.

All papers must be written in English, official language of the event. It will not be accepted written papers in any other languages. Posters and Power Point presentations must be prepared in English as well.

Regarding the oral presentation, it should be preferably in English. If it would not be possible to make the presentation in English, the author should inform the organizers previously.

### **2 Instructions**

#### **2.1 Format**

Page A4. Margins: 3 cm (top and left) e 2 cm (bottom and right). Text must have justified alignment, single-spaced, one column, non-indented, Times New Roman font, size 12, and one space between paragraphs and sections.

#### **2.2 File size**

File size should not exceed 10 MB.

#### **2.3 Units**

The units of the International System (SI) should be used. Units of other systems may be used, in parenthesis, next to SI units.

e.g.: 25,4 mm (1 inch)

Abbreviations such as sec (s) or cc (cm<sup>3</sup>) should not be used.

The combination of letters such as "ppm", "ppb" or "ppt" should not be used and should be replaced by the corresponding SI unit.

e.g.: mg/L and not ppm

Every number must be followed by its unity, with a space between them. Do not write the number or unit together.

Correct	Incorrect
5 m	5 meters
	five m

Units must be written correctly:

Correct	Incorrect
$\text{g/m}^2$	-
$\text{g}/(\text{m}^2 \cdot \text{h})$	$\text{g}/\text{m}^2 \cdot \text{h}$
$\text{g}/(\text{m}^2 \text{ h})$	$\text{g}/\text{m}^2 \text{ h}$
$\text{g m}^{-2} \text{ h}^{-1}$	$\text{gm}^{-2} \text{h}^{-1}$
$\text{g} \cdot \text{m}^{-2} \cdot \text{h}^{-1}$	$\text{gm}^{-2} \text{h}^{-1}$

Note: in the same article cannot be used two or more of the correct units. It should be selected a single format and adopted it throughout the text.

Units cannot come with subscript or superscript. For example, 0.5 V<sub>ECS</sub> should not be written to indicate that the potential measurement was made using a saturated calomel electrode. Another format should be adopted, such as 0.5 V (ECS).

No information should be placed inside the unit, such as 50 mg H<sub>2</sub>O/L. It should be written 50 mg/L of H<sub>2</sub>O.

No number can be left without the corresponding symbol.

Correct	Incorrect
10 cm x 10 cm	10 x 10 cm
1 MHz to 100 MHz or (1 to 100) MHz	1 MHz - 100 MHz or 1 to 100 MHz
20 °C to 50 °C or (20 to 50) °C	20 °C - 50 °C or 20 to 50 °C
120 cm ± 2 cm or (120 ± 2) cm	120 ± 2 cm

Obsolete units should not be used, such as: N (normality) or M (molarity). These units, in particular, must be replaced by the corresponding mol/L.

## 2.4 Abbreviations

Abbreviations can be used as long as they are defined in the text for the first time they are being cited.

e.g.: *A scanning electron microscope (SEM) was used to examine corroded surfaces.*

## 2.5 Tables

Font: Times New Roman

Size: 10 in the body of the table and in the title. Only the title and subtitle of the table should be bold. The title should occupy the width of the table.

Paragraph: Within the tables the paragraph should be simple, centered, 3 points before and 3 points afterwards. The title should be spaced 6 points afterwards.

Borders: Tables must have horizontal lines at the beginning and the end, as well as just after the subtitles. The use of other horizontal lines is optional and should be used only when the clarity of the table is impaired. Tables should not have vertical lines. Vertical lines separating columns are optional, and should be used only when table clarity is impaired.

Table title: a dash should be used between the term "Table x" and the describing text of the table. The spacing should be 6 points afterwards.

Examples:

Instability constants of complexes present in a copper bath and cyanide base

**Table 2 - Instability constants of complex present in a copper bath and cyanide base**

Complex ion	Constant of formation
[Cu(CN) <sub>2</sub> ] <sup>-</sup>	1 x 10 <sup>-16</sup>
[Cu(CN) <sub>3</sub> ] <sup>2-</sup>	5,6 x 10 <sup>-28</sup>
[Cu(CN) <sub>4</sub> ] <sup>3-</sup>	1 x 10 <sup>-27</sup>

or

**Table 2 - Instability constants of complex present in a copper bath and cyanide base**

Complex ion	Constant of formation
$[\text{Cu}(\text{CN})_2]^-$	$1 \times 10^{-16}$
$[\text{Cu}(\text{CN})_3]^{2-}$	$5,6 \times 10^{-28}$
$[\text{Cu}(\text{CN})_4]^{3-}$	$1 \times 10^{27}$

or

**Table 2 - Instability constants of complex present in a copper bath and cyanide base**

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$[\text{Cu}(\text{CN})_4]^{3-}$	$1 \times 10^{27}$

When using images and pictures in the table, the following resolutions must be adopted:

- Images and drawings composed by lines, in black and white, 300 dpi;
- Gray-scale images and drawings, 150 dpi.

## 2.6 Images

The images should come, preferably, at the end of the text and should be inserted in tables without borders. Scanned images and drawings must have the following resolutions:

- Images and drawings composed by lines, in black and white, 300 dpi;
- Gray-scale images and drawings, 150 dpi.

The images subtitles should be located just below them, and should have the following characteristics:

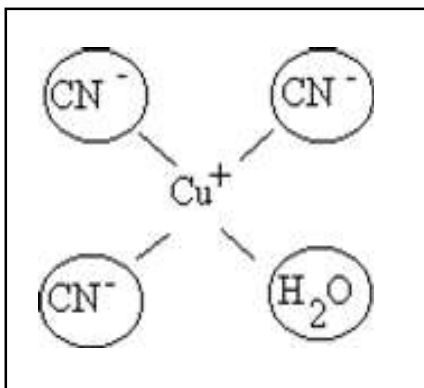
Font: Times New Roman

Size: 10 bold. The title should occupy the width of the image.

Paragraph: simple, justified or centralized. The spacing should be 6 points before.

Image subtitle: a dash should be used between the term "Image x" and the describing text of the image. The spacing should be 6 points before.

Example:



**Image 2 - Schematic illustration of the octahedral structure**

## 2.7 Author's identification

Just below the title of the paper, aligned to the right, it must be included the full names of the authors, indicating with numbers, in footnote, the authors' title, the company or institution in which they work and the positions they occupy according to the template available on the website of the event.

The paper presenter's name must be underlined.

## 2.8 References

### 2.8.1 Quotes

For the quotes in the paper text, it must be adopted the numerical system (ABNT NBR 10520). The numbering should be done in a unique and consecutive way for all items. The number must appear in parentheses, corresponding to the list of references, in the same line of text.

e.g.: *The heating temperature was determined by the method of Suzuki (5).*

Note: Bibliographical references should appear in numerical order, in accordance with the numerical system used for the quotes.

### 2.8.2 References

Full references should only be listed at the end of the text, in numerical order, in accordance with the numerical system used for the quotes, as well as the norms provided by Brazil's technical standards association ABNT NBR 6023:

NAME, Forename. Book Title: subtitle. Translated by Forename Name. Edition. City: Publisher, year.

NAME, Forename. Title of chapter or part of a book. In: NAME, Forename of book organizer (Org.). Book Title. Translated by Forename Name. Edition. City: Publisher, year. p. X-Y.

NAME, Forename. Title of article. Name of the journal, city: publisher, volume, issue, p. X-Y, month, year.

### **2.8.3 Electronic documents**

Referencing electronic sources follows the same format as that of print sources, but it should include information regarding the source's location on the internet. References should provide the document's complete URL, placed within graphic symbols < > following the expression Available at: and before the access date (Accessed on:):

NAME, Forename. Title of article. Name of the journal, city: publisher, volume, issue, p. X-Y, month, year. Available at: . Accessed on: day month year.

### **3 Paper submission**

The paper must be submitted in an extended abstract format, two to three pages, according to the template available on the event website and must be prepared in WORD or other compatible text editor software.

The extended abstract should be submitted by the event website in WORD or another compatible text editor so that evaluators can include their comments. PDF files will not be accepted.

The selected and presented papers will compete for the Prof. Vicente Gentil Award and Excellence Award, in the categories oral presentation and poster presentation, respectively.

**NO PAPER SUBMISSION WILL BE ACCEPTED BY E-MAIL.**

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