

## GUIDE-LINES FOR AUTHORS FOR PREPARING CAMERA-READY MANUSCRIPTS

These are the same guidelines of the International Journal of Thermal Sciences.

Manuscripts must be typewritten, double-spaced in Times New Roman (12pt) with 3.5 cm wide margins on one side of white paper. Good quality printouts with a font size of 12 pt are required. They should include, in order: 'title page'; 'abstract page'; 'nomenclature'; text; 'references'; and 'appendices' if necessary. All the pages must be numbered.

The 'chapter headings' should be numbered according to the international numbering system 1.; 1.1.; 1.1.1.; etc.).

'Tables' with titles and 'figures' with captions should be placed on 'separate sheets' at the end of the manuscript. They should not appear in the text.

'Punctuation' peculiar to English language should be used (semi-colons, colons, question marks and exclamation marks are never preceded by a space in English). Abbreviations are punctuated. There is no space between opening and closing brackets and the following and preceding words, whatever the language. Small capitals should not be used, and normal capitals are accented.

### **Title page**

The title page should contain: the 'title of the paper' (that must be brief but explicit), the 'forename' (in full) and 'surname' of each author, the 'authors affiliations' (complete address, phone and fax numbers, e-mail) with their 'positions', and the name of the corresponding author. It should also contain a 'running head' (maximum 80 characters, including spaces).

### **Abstract page**

For the English papers, it should contain the 'title' of the article and an 'abstract' of about fifteen lines (150-200 words). Five to ten 'keywords' should be provided (in lower case and bold type, separated by slashes).

### **Nomenclature**

All the 'parameters' cited in the text should be listed, in 'alphabetic order', in a separate nomenclature section at the beginning of the paper, with their definitions and units. 'Greek symbols', 'subscripts' and 'superscripts' should be separately identified. Only 'ISO symbols' may be used, always written in italics. 'SI units' should be used throughout; they are always separated from the numerical value by a space (whatever the language) and written in roman. The  $\mu$  in  $\mu$ g or  $\mu$ m is always in roman. The symbol for litre is L, minute is min. We use  $^{\circ}$ C, but K for temperatures. As the angstrom ( $1 \text{ \AA} = 10^{-10}\text{m}$ ) does not belong to the SI system, it should be replaced by the nanometer ( $1 \text{ nm} = 10^{-9}\text{m}$ ) or by the picometer ( $1 \text{ pm} = 10^{-12}\text{m}$ ):  $1 \text{ \AA} = 0.1 \text{ nm} = 100 \text{ pm}$ . Multiple units must be written with negative superscripts (for example:  $\text{W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$ ).

Please consult the [Nomenclature Guide](#) for details on the symbols and units to be used.

### **Equations and numbers**

The equations should be carefully typed. The ones that are referred to in the text [equation (1), for instance] should be numbered with Arabic numerals enclosed in parentheses on the right margin. There should not be punctuation at the end of the equations. Care should be taken to distinguish between zero (0) and the letter O, or between the number one (1) and the letter l (l), the Roman

letter  $v$  and the Greek letter nu ( $\nu$ ). 'Vectors' and 'matrices' should be written in bold. The decimal logarithm should be written,  $\log$ ; and the natural logarithm,  $\ln$ . The abbreviation of  $\exp$  (exponential) is the Roman 'e'. In expressions such as  $dx/dt$ , the letter  $d$  (derivative function) is always written in roman, whereas the physical parameter ( $x$  or  $t$ ) is always written in Italics. Numbers are written as numerals when they are followed by units, these being represented by their SI symbols (i.e. 10 %, but a few percent). In numerals, each group of three numbers should be separated by a space (except for dates and postal codes). In English, a decimal point is used instead of a comma.

## Figures

All illustrations (diagrams and photographs) should be numbered in the text, in italics, using Arabic numerals in order of appearance. Example: (figure 1). No illustration will be redrawn; consequently, they must be good enough to allow direct reproduction (they should by no means contain any manual corrections). Original drawings on white paper are required. The same symbols and units must be used in figures, tables and text. Illustrations will be published in the form of one column 80 mm wide (exceptionally 170 mm wide for complicated figures). So, 'lettering' of the original illustrations (one figure per A4 page) should be large enough to be clearly legible when the illustrations are reduced to one-column format. Only sharp black and white glossy prints are accepted. Authors are responsible for the reproduction cost of colour figures.

'Figure captions' should be presented together on a separate sheet, at the end of the paper; they must be as explicit as possible.

## Tables

Each table should be typed on a separate page at the end of the paper. Captions must be integrated into the heading of the table, which will comprise horizontal lines. Tables must not be redundant with figures. They should be numbered consecutively with roman numerals (table IV for instance), as they are cited in the text.

## References

References should be numbered with Arabic numerals enclosed in brackets as they are cited in the text. All entries in the reference list must correspond to references in the text and vice versa, from [1] to [n]. The spelling of authors' names and dates must be exactly the same in the text as in the reference list.

The titles of journals should be abbreviated according to the standardised rules (cf 'ISI', 'Current Contents', 'Physical Abstracts', for instance). Titles for which no abbreviation is given should be written out in full.

The style and punctuation of the references should follow the format illustrated in the following examples (please note that the titles of journals are in roman).

- Article from a journal (all authors must be mentioned):

[1] Delaunay D., Garnier B., Jarny Y., Le Brizaut J.-S., Implementation of an inverse method for identification of reticulation kinetics from temperature measurements on a thick sample, *Int. J. Heat Mass Tran.* 16 (1993) 4039-4047.

- Book or published thesis:

[1] Ozisik M.N., Radiative transfer and interactions with conduction and convection, John Wiley and Sons, New York, 1973.

- Unpublished thesis:

[1] Frisvold F., Filtration of aluminium: theory, mechanisms and experiments, Ph.D. thesis, University of Trondheim, Norway, 1990.

- Article published in conference proceedings:

[1] Bougeard D., Vermeulen J.-P., Baudoin B., Spatial resolution enhancement of an IR system by image restoration techniques, in: Balageas D., Busse G., Carlomagno G.M. (Eds.), Proceedings of Quantitative infrared thermography QIRT 94 (Eurotherm Seminar 42), Elsevier, Paris, France, 1995, pp. 3-6.

In order to make the articles as accessible as possible, the development of 'complex calculation methods' should be placed in the appendices, at the end of the paper, so that the reader is not distracted from the fundamental ideas. If a concept is too complicated or supposed to be well known, the author must give one or several 'references' which contain the relevant information.

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