INSTRUCTIONS FOR PREPARING YOUR FULL PAPER - 22ND IAHR-APD CONGRESS 2020 SAPPORO

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ABSTRACT

This document contains a detailed guideline for the print-ready-format full papers (6 to 8 pages) of the IAHR-APD 2020 congress. This is an example of the full paper. The various components of your paper (title, text, heads, etc.) must be input following the style given in this document. A concise abstract is required. The abstract should state briefly the purpose of the research, the essential new information, the principal expected results and major conclusions. The abstract must be able to stand-alone and references to the manuscript should therefore be avoided. The length of the abstract must range from 150 to 250 words.

Keywords: Component, formatting, style, styling, maximum 5 keywords

1. INTRODUCTION

Please follow the format exemplified in this document, noting the placement of paper title, length and width of text, page numbering, etc. The length of full papers for the *Proceedings of the Congress* is 6 to 8 pages, including texts, figures, and tables.

Papers should be submitted in PDF formats. All papers will be peer-reviewed. The authors should address reviewers' comments, if any, in the final manuscript. Final papers will be reviewed for technical content and format prior to publication.

First, confirm that you have the correct template for your paper size. Please use A4 size paper, in one column format with "Times New Roman" font. Margins are as follows: top: 1.2cm; bottom: 1.6cm; left: 2.0cm and right: 1.8cm. Header is at 1.2cm and Footer at 1cm from the page limit, respectively. Margins, column widths, line spacing, and type styles are built-in; examples of component styles are provided throughout this document. All margins, column widths, line spaces, text fonts etc are defined in this document; please do not change them.

2. TITLE, AUTHORS AND AFFILIATIONS

Type the title of the paper in 11pt boldface and in upper case, with a leading (interline spacing) of 12pt and a spacing of 20pt before and after. Authors' names are set in 9pt and in upper case, with a leading (interline spacing) of 12pt and no spacing before and after. Affiliation and contacts are in 9pt italics, with a leading (interline spacing) of 12pt and no spacing before and 6pt spacing after.

3. HEADINGS AND BODY OF TEXT

3.1 Headings

Please preserve the style of the headings, text font and line spacing in order to provide a uniform style for the Proceedings.

First level headings should be set in 11pt "Times New Roman" bold face, with a leading (interline spacing) of 12pt and a spacing of 6pt and 6pt respectively, before and after.

Second level headings should be set in 11pt "Times New Roman" regular face, with a leading (interline spacing) of 12pt and a spacing of 6pt before and after.

3.1.1 *Third level headings*

The third level headings should be in 11pt "Times New Roman" italic face, with a leading (interline spacing) of 12pt and a spacing of 6pt before and after.

3.2 Body of texts

The normal texts should be set in 11pt "Times New Roman" with a leading (interline spacing) of 12pt and a spacing of 6pt after. Lines are single-spaced. The paragraphs should be justified at left and right margins of the text.

4. USING THE TEMPLATE FOR SEVERAL COMPONENTS

4.1 Equations

Equations should be centered and numbered consecutively, as in Eq. (1). An alternative method is given in Eq. (2) for long sets of equations where only one referencing equation number is wanted.

$$Z_A + \frac{p_A}{\rho g} + \frac{V_A^2}{2g} = Z_B + \frac{p_B}{\rho g} + \frac{V_B^2}{2g} + \sum h \tag{1}$$

where,

$$\sum h = \left(h_{f1} + h_{f2} + h_{f3}\right) + \left(h_{e1} + h_{e2} + h_{e3} + h_{e4}\right) \tag{2}$$

4.2 List

Lists are provided using numbers as follows

1. List item 1 like this,
2. List item 2 is an example of a longer list item that wraps to a second line, where the second line is indented.

4.3 Tables and figures

Tables and figures should be numbered consecutively and must be referred in the text. Figures and tables may preferably appear on the same page where they are referred for the first time.

Figure captions must be placed under the corresponding figure. Figures may be in either in gray scale or colored. Please prepare figures in high resolution (300 dpi) for half-tone illustrations or images. Pictures must be sufficiently sharp. Figures must be original, computer-generated or drafted. Figure 1 shows an example of graph. In figures depicting graphs, both axes must be clearly labeled (including units if applicable). If applicable, the texts in graphs, illustrations or images should be set in 9pt "Times New Roman".
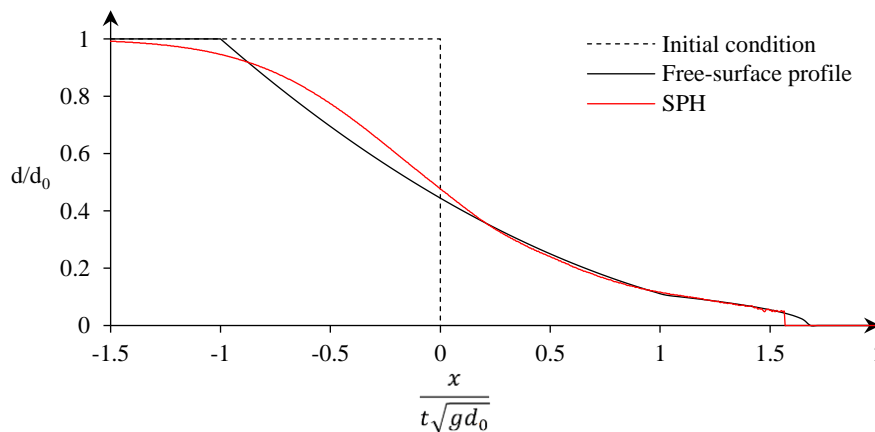

Figure 1. The caption heading for a figure should be placed below the figure and within figure/illustration width.

Tables must follow the style shown in Table 1. Table captions must be placed above their corresponding table.

Table 1. Caption heading for a table should be placed at the top of the table and within table width.

	A	B	C	D
A	Aa	Ab	Ac	Ad
B	Ba	Bb	Bc	Bd
C	Ca	Cb	Cc	Cd
D	Da	Db	Dc	Dd
E	Ea	Eb	Ec	Ed

4.4 Units

Use either SI (MKS) as primary units. English or CGS units may be used as secondary units (in parentheses). Avoid combining SI and CGS units. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity that you use in an equation.

Do not mix complete spellings and abbreviations of units. Spell out units when they appear in text.

5. CONCLUSIONS

If the author needs to create a component which is not prescribed here, please incorporate applicable criteria that follows the styles provided (*e.g.*, spacing and typeface).

ACKNOWLEDGMENTS

REFERENCES

(References must be included together at the end of the paper, listed alphabetically by last name of the first author. References in the text consist of the author name and publication year in parentheses, as found in Monaghan (1994) or Rogers and Dalrymple (2004). If several references are cited collectively, they are enclosed on parentheses with no additional parentheses around dates (Liu and Liu, 2003; Monaghan et al., 1999). All references listed must be cited in the text. Examples of reference citations are provided below. This text is to be deleted; apart from the list of references, no text is to be included in this section.)

Liu, G. R. and Liu, M. B. (2003). Smoothed Particle Hydrodynamics: a meshfree particle method, World Scientific publishing, Singapore.

Monaghan, J. J. (1994). Simulating free surface flows with SPH. *Journal Computational Physics*, 110:399-406.

Monaghan, J. J., Cas, R. F., Kos, A., and Hallworth, M. (1999). Gravity currents descending a ramp in a stratified tank. *Journal Fluid Mechanics*, 379:39-70.

Rogers, B.D., and Dalrymple, R.A. (2004). SPH modeling of breaking waves. Proc. 29th Intl. *Conference on Coastal Engineering*. World Scientific Press, pp. 415– 427.