**Instructions for extended abstracts: Title in times new roman-12 pnts, Bold, centered**

F. Author1,\*, B.Author1 , C. Author2, D. Author2

*1 AAA Laboratory, 000 Main Street, 10101 City, Country*

*2 XYZ Company, P.O.Box 0001, 12345 City, Country*

\* E-mail: presenting.author@myuniveristy.aa

#### Abstract

The abstract should appear at the top of the left-hand column of text. Begin the abstract session two lines below the last line of the affiliation section; use the font Times New Roman, Size 10. Leave a space between the end of the abstract and the beginning of the main text. The abstract should contain about 100 words. All manuscripts **have to be written in English**.

**1. Introduction**

These guidelines include complete descriptions of the fonts, spacing, and related information for producing your manuscripts. **Please follow them**.

**2. SUBMISSION REQUIREMENTS**

For publication of the abstract, we require an electronic version of the abstract **in MS WORD format**.

**3. Formatting your paper**

Length: You are allowed **2 pages for regular contributions** and **4 pages for invited papers.**

Do not write or print anything outside the printed area. The top margin must be 25 mm, the bottom margin 20 mm. The right margin is 18 mm, while the left one is 20 mm. The text has to be formatted in two columns format. Columns are to be 82 mm wide, with an 8 mm space bet­ween them. Text must be **fully justified**, use **hyphenation**.

**4. Page title section**

Type the **paper title** (centered, at the beginning of the first page) in bold letters in initial capital and lower case, single-spaced. In the next line write the author(s), underlining the presenting one and using different superscripts for authors belonging to different institutions. On the next line, type the affiliation(s) and addresses in initial capitals and lower case using italic characters. Use different lines for different institutions. The e-mail address of the presenting author must be reported in the last line of the affiliations section.

**5. Type-style and fonts**

Please use the font Times New Roman, size 10, throughout the paper, including figure captions. This will give the collection of abstracts a more uniform look. Refer to the figures in the text as **Fig. 1, Fig. 2,** etc.

Please **do not double-space your paper**. The first paragraph in each section should not be indented, but all following paragraphs within the section should be indented as demonstrated in this template.

**6. MAjor headings**

Major headings, for example, “1. INTRODUCTION”, should appear in all capital letters, bold face and centered in the column, with one blank line before, and one blank line after.

**6.1. Subheadings**

Subheadings should appear in **lower case** (First word capitalized) **in boldface**. They should start at the left margin on a separate line.

*6.1.1. Sub-subheadings*

Sub-subheadings should appear in lower case (initial word capitalized) and start at the left margin on a separate line, with paragraph text beginning on the following line. They should be in *italics*.

**7. Column ARRANGEMENT**

If the last page of your paper is only partially filled, try to arrange the columns so that they are evenly balanced.

**8. Page numbering**

Please do **not paginate** your paper. Session numbers will be inserted when the paper is included in the abstract book.

9. Illustrations, graphs, and photographs

Illustrations must appear within the designated margins. They may span two columns. If possible, position illustrations at the top of columns, rather than in the middle or at the bottom. Caption and number every illustration. **Use the font Times New Roman, size 9, for the figure captions.** All halftone illustrations must be clear in black and white. Since the printed abstracts will be produced in black and white, be sure that your images are acceptable when printed in black and white.

**10. Footnotes**

Use footnotes **sparingly** (or not at all!) and place them at the bottom of the column on the page on which they are referenced. Use single-spaced Times New Roman, 9-point type. To help your readers, avoid using footnotes altogether and include necessary peripheral observations in the text (within parentheses, if you prefer, as in this sentence).

**11. References**

List and number all bibliographical references at the end of the paper. The references must be numbered in order

of appearance in the document. **Use the font Times New Roman, size 9, for the references.** When referring to them in the text, type the corresponding reference number in square brackets as shown at the end of this sentence [1]. The style of the references is shown below:

1. A. Author, B. Author and L. Author, Appl. Phys. Lett. 101, 123456 (2013)
2. S. M. Sze, Semiconductor Devices, Physics and Technology, Wiley, New York, 1985.