Camera-Ready Manuscript Preparation Instructions for 2018 VLSI-TSA

Michael Wu, Shinichi Takagi\*, Ming-Jer Kao\*\*

TSMC, Taiwan

\*TSMC The University of Tokyo, Japan

\*\*Industrial Technology Research Institute, Taiwan

E-mail: [vlsitsa@itri.org.tw](mailto:vlsitsa@itri.org.tw)

ELECTRONIC SUBMISSION

It is important to note that the manuscript must be submitted electronically in one of the following formats: Microsoft Word, Adobe Acrobat pdf or Postscript, unless prior arrangement has been made with the program Chair or Co-Chair. The manuscripts should be prepared for 8½"  11" sheets or A4 sheets (210 mm  297 mm). There are different margins requirements for A4 than for 8½"  11" to keep the column widths and heights equal (see *Margins* below). Paper with less or more than 2 pages of text shall be grounds for immediate rejection. The accepted papers will be published in the Proceedings without any changes.

Format and Style

While this sheet of instructions should contain sufficient information for an author to prepare an acceptable manuscript, some authors might want to consult the IEEE guide, “Preparation of Papers in a Two Column Format for IEEE Photo-Offset Publications” (rev 2-1-93) for more details. As a first-order guide, this instructions sheet you are reading can serve as a template for your manuscript.

Photos

Only gray scale will be accepted. The authors are encouraged to scan the photographs with sufficient resolution to clearly represent the contents when printed on a printer with a resolution of 300 dots per inch.

If the authors prefer to send the original photos to the conference, please leave the space for the photo and send the original to the address above. Please include a copy of the Cover Page with the paper and author information. Original artwork will not be returned.

Figure 1. photo #1

Margins

*A1 (8½” x 11")*: the top & bottom margins should be 0.67" and left & right margins should be 0.69" with .19" between columns.

*A4*: On 210 mm x 297 mm, A4, size paper, the top & bottom margins should be 2.59 cm (1.02") and left & right margins should be 1.42 cm (0.56") with .48 cm (.19") between columns.

***Misc.:* Page numbering and any headers or footers will be added by the publisher of the Proceedings.**

Character and Paragraph Formats

The text font should be at least 9 pt with 10.5 pt line spacing and 0.167 (1 pica) first line indent, justification, and hyphenation. Paper titles should be 16 pt. or equivalent. Name(s), affiliation(s), and address(es) should appear centered below the title with 9 pt of space. **Avoid using underlining; use italics or bold instead.**

Headings

*Main Headings*: Main headings (such as Format and Style of this instruction) should be in all capitals (use small capitals if available), 12 pt, and centered with 10 pt spaces before and after.

*Subheadings*: Any sub-headings in upper-lower case should be 10 pt italics aligned left with 10 pt spaces before and after, as in *Headings* at the top of this section.

*Sub-subheading*: Any sub-subheadings should be indented, 9 pt italics, and run in at the beginning of the paragraph, as in *Sub-subheading* at the beginning of this sentence.

References

List and number all references at the end of the paper using References as a main heading. When referring to a particular reference in the text, type the corresponding reference number in square brackets in the form as shown at the end of this sentence. [1]

[1] A. B. Author, *Title of Book*. New York: IEEE Press, 1983, ch. 6, pp. 23-35.

Appendix

Units of Measure

***Points***: Points refer to 72 points per inch so that 12 pt is one sixth of an inch. ***Pica***: Pica is one sixth of an inch.