

Camera Ready Manuscript Guidelines and Template for AJSE

Author*

Abstract--This document gives formatting instructions for authors preparing papers for publication in the AIUB Journal of Science and Engineering (AJSE). The authors must follow the instructions given in the document for the papers to be published. Use this document as a template if you are using Microsoft Word. Otherwise, use this document as an instruction set. If you use symbols in your abstract, please ensure that they are defined in the abstract. Do not cite references in the abstract.

Keywords: RF transceiver, sector-beam antennas, wireless IP, wideband. <Maximum 5 Index Terms>

I. Introduction

Contributions can be up to a maximum of 5000 words and a short abstract of about 150 words should be provided. A manuscript should have an abstract, an introduction, a main body of the text with necessary subsections and headings, results, conclusions, and references. Abstract should be typed using bold faced single-spaced, 9-pt Times New Roman font throughout the first column of the two column format. The word 'Abstract' should be typed using font size 11, bold and italic. Keywords should be typed using font size 9. The word 'Keywords' should be typed using font size 9, bold and italic.

II. Page layout and style

An easy way to comply with the AJSE paper formatting requirements is to use the given template and check details against this example file.

2.1 Page layout

The manuscripts must use a page size corresponding to A4 size, which is 8.27 inches (21cm) wide and 11.69 inches (29.69cm) long. The margins must be set as follows:

- Top Margin = 2.2 cm
- Bottom Margin = 2.2 cm
- Left Margin = 2 cm
- Right Margin = 2.5 cm
- Gutter (In left) = 0.5 cm
- No header/footer

The document must be in two column format with single space in between.

2.2 Page style

All paragraphs must be justified. No indentation is required if a paragraph directly follows a heading or a sub-heading. A paragraph which is not the first paragraph after a heading or a sub-heading must be indented (as shown in this paragraph).

For emphasis, please use italics instead of underline.

2.3 Headings

Section headings are centered in boldface with the first word capitalized and the rest of the heading in lower case. Sub headings appear like major headings, except that they start at the left margin in the column. Sub-sub headings appear like sub headings, except that they are in Italics and not boldface. See examples in this file. No more than 3 levels of headings should be used.

2.4 Title and author details

The title of the paper should be typed using 20-pt bold Times New Roman font in title-case format. Names of the authors should be typed after the title of the paper on top using 12-pt Times New Roman font. Complete mailing address indicating designation, e-mail, telephone of the author(s) should appear at the lower left side of the 1st page in the 1st column. These should be typed using 8-pt Times New Roman font.

2.5 Text font of entire document

The manuscripts should be typed, single-spaced, 10-pt font throughout (except the abstract) using Times New Roman font and double column format throughout the paper with the margin as mentioned in section 2.1. A soft copy of the manuscript in MSWord along with a cover letter must be submitted by email.

Please ensure that all fonts are embedded in the soft copy which you will submit for publication.

2.6 Figures and tables

Large figures and tables may span across both columns. Any table or figure that takes up more than 1 column width must be positioned at the top or at the bottom of the page. All figures and tables should be centered on the column (or page if spanning across both columns). Tables and figures should be numbered consecutively and must contain informative captions. Figure numbers should be written as Fig. 1, Fig. 2.

Graphics must not use stipple fill patterns because they will not reproduce properly in Acrobat PDF.

*Author's designation, mailing address.
Email:

Please use only SOLID FILL COLORS which contrast well both on screen and on black-and-white hardcopy. The journal will be printed in black ink on white paper.

Please do not include captions as part of the figures. Do not put captions in “text boxes” linked to the figures. Do not put borders around the outside of your figures. Figure captions must be in 10 pt bold font and be centered. Figure captions must be numbered and must be placed below the figures.

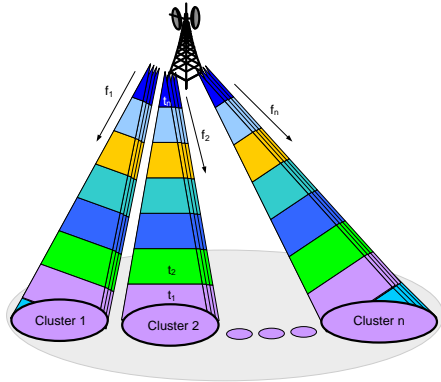


Fig. 1: This is an example of a figure.

Table 1: This is an example of a table.

| Ratio | Decibels |
|-------|----------|
| 1/1 | 0 |
| 2/1 | ≈ 6 |
| 3.16 | 10 |

Table captions must be in 10 pt bold font. Captions with table numbers must be placed before their associated tables, as shown in Table 1.

2.7 Equations

Equations should be placed on separate lines and numbered. Examples of equations are given below. Particularly,

$$x(t) = s(f_{\omega}(t)) \quad (1)$$

where, $f_{\omega}(t)$ is a special warping function.

2.8 Headers and footers

Headers and footers must not be used. Page numbers must be provided at the bottom center.

2.9 Links and bookmarks

All hypertext links and section bookmarks will be removed from papers during the processing of papers for publication. If you need to refer to an Internet email address or URL in your paper, then type out the address or URL fully in Regular font.

2.10 References

References should be typed using 9-pt Times New Roman font. Number citations consecutively in square brackets [1]. Multiple references [2], [3], [4] are to be presented as [2-4]. In sentences, refer simply to the reference number, as in [3]. Do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence: “Reference [3] shows”.

III. Results and Discussions

The curves or lines in the resulting figures should be distinct. The final journal will be printed in black ink.

IV. Conclusions

This is the conclusion of this template. Camera ready final accepted manuscript (MsWord file) must be submitted/emailed with author’s declaration form within seven days of acceptance notifications.

Acknowledgement

The acknowledgement section should not be numbered.

References

The reference section should not be numbered. Number the citations consecutively in square brackets (e.g. [1]) as following:

- [1] L.A. Coldren and S.W. Corzine, *Diode Lasers and Photonic Integrated Circuits*, John Wiley and Sons, New York, 1995, pp. 1-5.
- [2] G.P. Agarwal and N.K. Dutta, *Semiconductor Lasers*, New York: Van Nostrand Reinhold, 1993, pp. 211-215.
- [3] Michihiko Suhara, Saiful Islam and Minoru Yamada, “Criterion of External Feedback Sensitivity in Index-Coupled and Gain-Coupled DFB Semiconductor Lasers to be Free from Excess Intensity Noise”, *IEEE Journal of Quantum Electronics*, Vol. 30, No. 1, January 1994, pp. 3-9.
- [4] M. Jungo, F. M. di Sopra, D. Erni, and W. Baechtold, “Scalling effects on VCSELs static and dynamic behavior”, *Journal of Applied Physics*, vol. 91, No. 9, May 2002, pp. 5550-5557.

**Author 1
Photo**

Short biographies of all the authors along with ID size photographs should be presented after the References section using the two column format and also using 9-pt Times New Roman font. Biography may include the educational background, academic affiliations, professional career, research interests etc. of the authors.