Extended Abstract Template:

How to write two-page extended abstract for RCEE2020

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Abstract— This document gives formatting instructions for authors preparing extended abstracts in Microsoft Word for publication in the program and proceedings for RCEE 2019. The authors are asked to follow the instructions given in the document when preparing their abstracts to assist the Local Organizing Committee with the preparation of the conference program and proceedings. You can use this document as both an instruction set and as a template into which you can type or paste your own text.

1. Introduction

This document is a template based on the IEEE template used for IEEE Transactions. This should make it relatively easy for extended abstracts submitted to be modified to form either a final RCEE2019 proceedings paper. An electronic copy of this template can be downloaded from the conference website <https://tree.utm.my/rcee2020-submission-2/>. If you have questions, please contact the conference organizers.

Finished papers should be submitted as PDF and Doc (word) files to easychair webpage: <https://tree.utm.my/rcee2020-submission-2/>

Extended abstracts should be written according to the below structure including the following headings: **abstract and keywords, introduction, methods, findings and argument, conclusion and recommendations.** There is flexibility as to the naming of the sections. Sub-headings can be used when necessary.

Extended abstracts can contain figures, tables and/or images.. **Extended abstracts should not exceed 2 pages including the references** and pages should not be numbered.

**Authors' names must not appear anywhere in the paper when this is first submitted to the organisers.**

What to be include?

**The introduction** section should (1) present the scope and objective of the paper and state the problem, (2) briefly review the pertinent literature, (3) describe the methods, and (4) provide an overview of the main results of the work.

**The methodology** must be clearly stated and described in sufficient detail or with sufficient references.

**The findings and arguments** of the work should be explicitely described and illustrated. Supporting figures, tables and images of the results (no more than two figures and two tables) may be included in the extended abstract.

**Conclusions** should include (1) the principles and generalisations inferred from the results, (2) any exceptions to, or problems with these principles and generalisations, (3) theoretical and/or practical implications of the work, and (5) conclusions drawn and recommendations.

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1. Page Layout

An easy way to comply with the conference paper formatting requirements is to use this document as a template and simply type your text into it or use the paste function.

1. Page Layout

Your paper must use a page size corresponding to the US Letter paper size, which is 216mm (8.5") wide and 279mm (11 ") long. The margins must be set as follows:

* Top = 18mm (0.7")
* Bottom = 18mm (0.7")
* Left = Right = 16.5mm (0.65")

Your paper must be in two column format with a column width of 90mm (3.55") and a space of 5mm (0.2") between columns.

Do not edit the header or footer of the document. Page numbers will be inserted later.

1. Page Style

All paragraphs must be indented. All paragraphs must be justified, i.e. both left-justified and right-justified.

1. Text Font of Entire Document

The entire document should be in Times New Roman or Times font. Type 3 fonts must not be used. Other font types may be used if needed for special purposes.

Recommended font sizes are shown in Table 1.

1. Title and Author Details

Title must be in 24 pt Regular font. Author name must be in 11 pt Regular font. Author affiliation must be in 10 pt Italic. Contact email address must be in 9 pt Courier Regular font.

TABLE I  
Font Sizes for Papers

|  |  |  |  |
| --- | --- | --- | --- |
| Font Size | Appearance (in Time New Roman or Times) | | |
| Regular | Bold | Italic |
| 8 | table caption (in Small Caps),  figure caption,  reference item |  | reference item (partial) |
| 9 | Contact author email address (in Courier), cell in a table | abstract body | abstract heading (also in Bold) |
| 10 | level-1 heading (in Small Caps),  paragraph |  | level-2 heading,  level-3 heading,  author affiliation |
| 11 | author name |  |  |
| 24 | title |  |  |

All title and author details must be in single-column format and must be centered.

To avoid confusion, the family name must be written as the last part of each author name (e.g. John A.K. Smith).

Each affiliation must include, at the very least, the name of the institute/university and the name of the country where the author is based (e.g. University of Tokyo, Japan).

Email address is compulsory for the corresponding author.

1. Figures and Tables

Figures and tables must be centered in the column. Large figures and tables may span across both columns. Any table or figure that takes up more than 1 column width must be positioned either at the top or at the bottom of the page.

Graphics may be full color. All colors will be retained in the online proceedings but will be gray scale in the printed proceedings. Graphics must not use stipple fill patterns because they may not be reproduced properly. Please use only *SOLID FILL* colors which contrast well both on screen and on a black-and-white hardcopy, as shown in Fig. 1.



Fig. 1 A sample line graph using colors which contrast well both on screen and on a black-and-white hardcopy

Fig. 2 shows an example of a low-resolution image which would not be acceptable, whereas Fig. 3 shows an example of an image with adequate resolution. Check that the resolution is adequate to reveal the important detail in the figure.

Please check all figures in your paper both on screen and on a black-and-white hardcopy. When you check your paper on a black-and-white hardcopy, please ensure that:

* the colors used in each figure contrast well,
* the image used in each figure is clear,
* all text labels in each figure are legible.
* That each figure is centred.

1. Figure Captions

Figures must be numbered using Arabic numerals. Figure captions must be in 8 pt Regular font. Captions of a single line (e.g. Fig. 2) must be centered whereas multi-line captions must be justified (e.g. Fig. 1). Captions with figure numbers must be placed after their associated figures, as shown in Fig. 1.



Fig. 2 Example of an unacceptable low-resolution image



Fig. 3 Example of an image with acceptable resolution

1. Table Captions

Tables must be numbered using uppercase Roman numerals. Table captions must be centred and in 8 pt Regular font with Small Caps. Every word in a table caption must be capitalized except for short minor words as listed in Section III-B. Captions with table numbers must be placed before their associated tables, as shown in Table 1.

1. Page Numbers, Headers and Footers

Page numbers and footers must not be used. Please leave the header unchanged.

1. 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, you must type out the address or URL fully in Regular font.

1. References

The heading of the References section must not be numbered. All reference items must be in 8 pt font. Please use Regular and Italic styles to distinguish different fields as shown in the References section. Number the reference items consecutively in square brackets (e.g. [1]).

When referring to a reference item, please simply use the reference number, as in [2]. Do not use “Ref. [3]” or “Reference [3]” except at the beginning of a sentence, e.g. “Reference [3] shows …”. Multiple references are each numbered with separate brackets (e.g. [2], [3], [4]–[6]).

1. Conclusions

This template is partly based on the IEEE extended abstract template.

Acknowledgment

The heading of the Acknowledgment section and the References section must not be numbered.

References

1. S. M. Metev and V. P. Veiko, *Laser Assisted Microtechnology*, 2nd ed., R. M. Osgood, Jr., Ed. Berlin, Germany: Springer-Verlag, 1998.
2. J. Breckling, Ed., *The Analysis of Directional Time Series: Applications to Wind Speed and Direction*, ser. Lecture Notes in Statistics. Berlin, Germany: Springer, 1989, vol. 61.
3. S. Zhang, C. Zhu, J. K. O. Sin, and P. K. T. Mok, “A novel ultrathin elevated channel low-temperature poly-Si TFT,” *IEEE Electron Device Lett.*, vol. 20, pp. 569–571, Nov. 1999.
4. M. Wegmuller, J. P. von der Weid, P. Oberson, and N. Gisin, “High resolution fiber distributed measurements with coherent OFDR,” in *Proc. ECOC’00*, 2000, paper 11.3.4, p. 109.
5. R. E. Sorace, V. S. Reinhardt, and S. A. Vaughn, “High-speed digital-to-RF converter,” U.S. Patent 5 668 842, Sept. 16, 1997.
6. (2002) The IEEE website. [Online]. Available: http://www.ieee.org/