

Manuscript Formatting Instructions *

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Abstract

This document describes manuscript formatting requirement for CCSC conferences. Authors can use this document as a template to format their papers.

Length

Prepare the paper for written understanding with length approximately six (6) single spaced pages including tables, figures, and a list of references or bibliography.

Style

Write clearly and simply in the third person for an audience that is well-grounded in computing, but who may have limited exposure or knowledge about the specific topic of your paper. Define any technical terms deemed to require clarification when they are introduced.

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Title and Author Information

Please follow the example in this paper to typeset title and author information.

Body of the Manuscript

The text may be organized into sections and subsections. Please use `\section` and `\subsection` commands to define them as show in this example paper. Latex will take care of the formatting. If you opt to number your sections and subsections, do so specifically using Arabic numbers.

1 Abstract

Provide a one paragraph brief overview of the paper in both the manuscript for review and in the final manuscript for publication.

2 Citation

Appropriately cite all references to other published works included in the paper. `biblatex` is used to create a list of references or bibliography as the last section in the paper. Here are citation examples for a book[2], a journal paper[1], a website[3], and a conference proceeding paper[4].

3 Lists

Lists are easy to create in \LaTeX whether they are ordered, unordered, or nested as shown in the following example.

- The individual entries are indicated with a black dot, a so-called bullet.
 - The text in the entries may be of any length.
1. The labels consists of sequential numbers.
 2. The numbers starts at 1 with every call to the `enumerate` environment.
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- The text in the entries may be of any length.
2. The numbers starts at 1 with every call to the enumerate environment.

4 Math Expressions

The mass-energy equivalence is described by the famous equation

$$E = mc^2$$

discovered in 1905 by Albert Einstein. In natural units ($c = 1$), the formula expresses the identity

$$E = m \tag{1}$$

5 Tables and Figures

Include all tables and figures within the body of the text. (Provide as separate files in the original format any figures so that if there are problems with the figures coming into the final manuscript there are alternatives available to the editors.)

Here is an example Table 1.

Table 1: Nonlinear Model Results			
Case	Method#1	Method#2	Method#3
1	50	837	970
2	47	877	230
3	31	25	415
4	35	144	2356
5	45	300	556

Here is an example Figure 1.

7 Reference List

The `\printbibliography` command prints a list of referneces for you. Please use `sample.bib` as an example to create your bibliography entries.



Figure 1: The Universe

6 Code Listings

Commands from `listings` package allows you to display code easily and coloring and styling can be customized too. Here is an example.

Listing 1: Python example

```
x = 42
epsilon = 0.01
step = epsilon**2
num_guesses = 0
ans = 0.0
while abs(ans**2-x) > epsilon and ans < x:
    ans = ans + step
    num_guesses += 1
if abs(ans**2-x) <= epsilon:
    print(str(ans) +
          'is close to the square root of ' +
          str(x))
else:
    print('Failed to find square root of ' + str(x))
print("The number of guesses is " + str(num_guesses))
```

Additional Information

Please feel free to email ccsc-editors@googlegroups.com for questions.

References

- [1] Albert Einstein. “Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]”. In: *Annalen der Physik* 322.10 (1905), pp. 891–921. DOI: <http://dx.doi.org/10.1002/andp.19053221004>.
- [2] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The L^AT_EX Companion*. Reading, Massachusetts: Addison-Wesley, 1993.
- [3] Donald Knuth. *Knuth: Computers and Typesetting*. URL: <http://www-cs-faculty.stanford.edu/~uno/abcde.html>.
- [4] Frank Maurer. “Agile Methods and Interaction Design: Friend or Foe?” In: *Proceedings of the 1st ACM SIGCHI Symposium on Engineering Interactive Computing Systems*. EICS '09. Pittsburgh, PA, USA: ACM, 2009, pp. 209–210. ISBN: 978-1-60558-600-7. DOI: 10.1145/1570433.1570435. URL: <http://doi.acm.org/10.1145/1570433.1570435>.