

Sample article for the IX International Conference “Computer Science and Information Technology”*

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This text is an example of the design of an article submitted to the IX international conference “Computer Science and Information Technology”.

Keywords: sample, example

Introduction

The conference proceedings are being prepared using the L^AT_EX 2_ε system.

The name of the file with the manuscript is the surname of the first author. If the author submits several papers to the conference, add the paper number to the author’s name in the file name.

The final paper should be 2-4 full pages in length.

It is convenient to start working on a manuscript by editing file `csit-2020-example-eng.tex`.

To submit a paper you must provide L^AT_EX 2_ε file (file with the extension `.tex`), as well as separate files for each image or fragment of program code added to the paper.

1. Preamble

The text of the paper file must start with lines

```
\documentclass[10pt]{article}
\usepackage{csit-2020}
\usepackage[russian,english]{babel}
```

The style file `csit-2020.sty` should be located in the same folder as the paper itself.

2. Title

If the article is written in English, then immediately after the line `\begin{document}` you need to add the command

```
\English
```

Then you should provide the title information, including authors’ names and affiliations, an abstract, and keywords:

```
\title{The title}
\author[Short list of authors]{Full list of authors}
\email{e-mails}
\organization{Affiliations}
\abstract{Abstract}
\keywords{List of keywords}
\thanks{Information about grant support}
```

The command `\author` gets the name of author as a parameter in the form

```
\author{Surname~F.\,S.}
```

If the paper has the only author, the additional parameter of the command `\author` is not required.

If the paper has several authors, they are listed in the same command `\author` separated by commas. In this case, the list of authors is duplicated in an additional parameter (as a short list), and in the full list of authors, after the last name and initials of each author, you must put the command `\authorrefmark` with the author’s ordinal number as an argument

```
\author[Author~F.\,S., Coauthor1~F.\,S., Coauthor2~F.\,S.]
{Author~F.\,S.\authorrefmark{1},
 Coauthor1~F.\,S.\authorrefmark{2},
 Coauthor2~F.\,S.\authorrefmark{3}}
```

The parameter of the command `\email` is a comma-separated list of email addresses of all authors. Before each email address, place the command `\authorrefmark` with the number of the corresponding author.

```
\email{\authorrefmark{1}author1@site.ru,
 \authorrefmark{2}author2@site.com,
 \authorrefmark{3}author3@site.org}
```

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The command `\organization` specifies the affiliations of the authors in the order: full name of the organization, city, and country. Place the corresponding `\authorrefmark` command(s) before each affiliation.

```
\organization{\authorrefmark{1}\authorrefmark{2}Organization1, City1, Country1;
              \authorrefmark{2}\authorrefmark{3}Organization2, City2, Country2;
              Organization3, City3, Country3}
```

In the example, `Organization1` refers to the first and second author, and `Organization2` and `Organization3`—to the second and third.

With the command `\thanks` you can specify information about grant support for the work.

The abstract should briefly summarize the contents of the paper in 150–250 words. The abstract should not contain links, formulas, tables, or figures.

After the title information is set, the command `\maketitle` generates the title.

3. Main Text

The text of the paper can be divided into sections with the following commands

```
\section*{Section title}
\section{Section title}
\paragraph{Paragraph title.}
```

The command `\section*{Section title}` should be used for unnumbered sections. In particular, the sections “Introduction” and “Conclusion” (if present) are not numbered.

The structure of the article remains the prerogative of the authors.

4. Theoretical Part

The theoretical part of the work (if any) should preferably be structured using environments `Def`, `Axiom`, `Hypothesis`, `Problem`, `Lemma`, `Theorem`, `Corollary`, `State`, `Example`, `Remark`.

Definition 1. A mathematical text is *well structured* if it highlights definitions, theorems, statements, examples, etc., and informal arguments (motivations, interpretations) are put in separate paragraphs.

Statement 1. *Motivations and interpretations are most important for understanding the essence of the work.*

Theorem 1 (see [1]). *The most important results of the work are formulated in the theorems.*

Lemma 1. *Auxiliary results used in proofs of theorems can be formulated as lemmas.*

Proof. We assume that the given proof relates to the last result. ■

Proof of Theorem 1. If this is not the case, additional remark is required in the proof header. ■

Remark 1. The use of environments `Def`, `Theorem`, `State`, `Remark`, `Lemma`, and `Proof` is shown above.

5. Reference List

A reference list should contain details only of those works cited in the text of the manuscript. A reference list should appear with the entries listed numerically and in the same order that they have been cited in the text. Required details for an item in the list of references: a paper in a scientific journal:

- list of all authors;
 - title;
 - journal title;
 - year;
 - volume, number, issue;
 - page numbers;
- a paper in a collection:
 - list of all authors;
 - title;
 - collection title;
 - publisher (city and name);
 - year;
 - page numbers;
- a book:
 - list of all authors;
 - book title;
 - publisher (city and name);
 - year;
- an electronic resource:
 - list of all authors (if available);
 - resource name;
 - URL;
 - year (if available).

References

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- [3] *Author N. S., SecondAuthor N. S.* Book title. — City: Publisher, 2009.
- [4] *Author N. S.* Site name. — 2007. — www.site.org.