

Example Submission for Euro S&P 2023

Abstract—This document is a formatting template for preparing a submission to Euro S&P 2023. We have done the hard part of creating a LaTeX template; all that is left to you to do is produce the innovative work, insightful presentation, and flowing prose. This template and the `IEEEtran.cls` file define the components of your paper (title, text, heads, etc.). IEEE prefers that you do not use symbols, special characters, or math in Paper Title or Abstract since their antiquated systems will have trouble processing these. You should use them with discretion to produce your submission the way you want readers to see it.

1. Introduction

This document was successfully compiled into a compliant pdf file using the default settings in `overleaf.com` (`pdflatex` with `TeXLive` version 2022). It should also build with most local latex installations. The following files should be in your build directory: `IEEEtran.cls` and `eurosp-2023-template.tex`.

We recommend writing your paper by creating a copy of the `eurosp-2023-template.tex` and renaming it as your paper (e.g., `main.tex`), and removing and replacing the template contents with your paper.

Please do not change the `\documentclass` options. In particular, submissions to Euro S&P must stick with the A4 page format, *not* US Letter. Please observe the conference page limits as documented in the Call for Papers on the conference website (<https://www.ieee-security.org/TC/EuroSP2023/>). The program chairs will reject papers without review that violate requirements stated in the Call for Papers. If you have questions, you can contact the program chairs at `eurosp2023-pc-chairs@ieee-security.org`.

2. Preparing your Paper

Do excellent work and think about the best way to present it to your target audience. We won't offer any actual advice on this here, but do recommend reading recent award-winning papers from Euro S&P [1], [3], and, if you are a PhD student, reading Luke Burns' advice carefully [2].

2.1. Formatting Specifications

The `IEEEtran` class file is used to format your paper and style the text. All margins, column widths, line spaces, and text fonts are prescribed; please do not alter them. You may note peculiarities. For example, the head margin measures proportionately more than is customary. This measurement and others are deliberate, using specifications that anticipate your paper as one part of the entire proceedings, and not as an independent document. Please

do not revise any of the current designations, or play any tricks to try to squeeze in a bit more content within the page limit. You should edit your presentation to fit the required limits — the page limit is there for a reason, to bound the effort required from reviewers and to be fair to all submitter, not meant as a challenge for skilled LaTeX hackers to overcome.

2.2. Advice on Figures and Tables

If you are generating figures as images, use a vector format such as PDF (instead of a fixed-resolution format like PNG). Most graphing software (including `pyplot`) can produce PDF files as outputs. By using a vector-based image format, your images will contain detail if a viewer zooms in on them. You shouldn't, however, design your graphics to be unreadable when viewed at normal scale. You should choose colors for your graphs carefully and wisely, and consider color-blind readers [4].

LaTeX will attempt to place figures based on its typesetting heuristics, but it does not understand the content of your writing and will not know enough to ensure figures are in useful places for readers. Pay attention to figure and table placement and move things around and use the formatting parameters to try to have them appear as close as possible to where a reader would want them. In general, figures and tables should be at the top or bottom of columns (using `[tb]` as the placement parameters). Large figures and tables may span across both columns (use `table*` or `figure*`). Figure captions should be below the figures; table heads should appear above the tables. Use `\autoref{...}` to refer to your table and figures (as well as to sections or any other internal references). This makes the naming consistent and the full reference a clickable link.

Make your tables less ugly by avoiding vertical bars and unnecessary lines. Instead of a table like Table 1 (from the previous version of this template), use the `booktabs` package to make your tables look more like Table 2.

TABLE 1. TABLE TYPE STYLES

Table Head	Table Column Head		
	<i>Table column subhead</i>	<i>Subhead</i>	<i>Subhead</i>
copy	More table copy	3.14	3.15

TABLE 2. BETTER TABLE

Table Column Head			
Table Head	Table column subhead	Subhead	Subhead
copy	More table copy	6.28	6.29

Data Availability

Include a section explaining how the materials necessary to reproduce your work, including source code and data, are available. As per the CFP, if you are not able to release all of the necessary materials publicly under open source licenses, you should explain why this is not possible. As mentioned in the CFP, open science expectations are taken seriously and authors are required to satisfy commitments made in their submissions. Papers that fail to satisfy these commitments may be removed from the conference.

This section, and everything following, does not count within the body text page limit requirement (so this paper would satisfy a page limit of 1). For your Euro S&P submission, we expect more useful content than what is in this paper, so you have 13 pages of body text.

Acknowledgements

For your anonymous submission, you shouldn't include any acknowledgements. For your final paper, you will probably want to profusely thank any sponsors who you want to continue to get funding from, regardless of how annoying their reporting forms may be. You can also use this opportunity to thank colleagues who tried to dissuade you from writing this paper, as well as give due thanks for your favorite taco stand. The preferred spelling of the word "acknowledgment" in America is without an "e" after the "g"; in British English, the preferred spelling is "acknowledgement". Since this is a European conference, and neither America nor the United Kingdom are properly part of Europe anymore, you can choose whichever spelling you like (but don't blame us if IEEE complains about your choice, just add or remove the offending 'e' as they prefer).

References

- [1] Amir M. Ahmadian and Musard Balliu. Dynamic policies revisited. In *IEEE European Symposium on Security and Privacy*, 2022.
- [2] Luke Burns. FAQ: The "snake fight" portion of your thesis defense. *McSweeney's*, Nov 2010.
- [3] Vivian Fang, Lloyd Brown, William Lin, Wenting Zheng, Aurojit Panda, and Raluca Ada Popa. CostCO: An automatic cost modeling framework for secure multi-party computation. In *IEEE European Symposium on Security and Privacy*, 2022.
- [4] Alla Katsnelson. Colour me better: fixing figures for colour blindness. *Nature*, Oct 2021.

A. Gory Details

Use appendices to provide details that are not necessary to understand the main paper, as well as additional results that don't fit into the flow of the main paper. Please don't use appendices to get around the page limit or hide content you hope reviewers won't read since many of our reviewers are extremely diligent and will actually read your appendices.

B. Boring Experiments

These results are too boring to be worth wasting space in the main paper on, but we put a lot of effort into running these experiments and want to show how hard we worked, so we're including them here (but hope no one will actually read this part).