Instructions for ACL-IJCNLP 2021 Proceedings

Anonymous ACL-IJCNLP submission

Abstract

This document contains the instructions for preparing a manuscript for the proceedings of ACL-IJCNLP 2021. The document itself conforms to its own specifications, and is therefore an example of what your manuscript should look like. These instructions should be used for both papers submitted for review and for final versions of accepted papers. Authors are asked to conform to all the directions reported in this document.

1 Credits

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This document has been adapted by Roberto Navigli from the instructions for earlier ACL, NAACL and EMNLP proceedings, including those for EMNLP 2020 by Yulan He, ACL 2020 by Steven Bethard, Ryan Cotterrell and Rui Yan, ACL 2019 by Douwe Kiela and Ivan Vulić, NAACL 2019 by Stephanie Lukin and Alla Roskovskaya, ACL 2018 by Shay Cohen, Kevin Gimpel, and Wei Lu, NAACL 2018 by Margaret Michell and Stephanie Lukin, 2017/2018 (NA)ACL bibtex suggestions from Jason Eisner, ACL 2017 by Dan Gildea and Min-Yen Kan, NAACL 2017 by Margaret Mitchell, ACL 2012 by Maggie Li and Michael White, ACL 2010 by Jing-Shing Chang and Philipp Koehn, ACL 2008 by Johanna D. Moore, Simone Teufel, James Allan, and Sadaoki Furui, ACL 2005 by Hwee Tou Ng and Kemal Oflazer, ACL 2002 by Eugene Charniak and Dekang Lin, and earlier ACL and EACL formats written by several people, including John Chen, Henry S. Thompson and Donald Walker. Additional elements were taken from the formatting instructions of the International Joint Conference on Artificial Intelligence and the Conference on Computer Vision and Pattern Recognition.

2 Introduction

The following instructions are directed to authors of papers submitted to ACL-IJCNLP 2021 or accepted for publication in its proceedings. All authors are required to adhere to these specifications. Authors are required to provide a Portable Document Format (PDF) version of their papers. The proceedings are designed for printing on A4 paper. 050

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3 Electronically-available resources

ACL provides this description and accompanying style files at

https://2021.aclweb.org/files/
acl-ijcnlp2021-templates.zip

We strongly recommend the use of these style files, which have been appropriately tailored for the ACL-IJCNLP 2021 proceedings. You can also start from the Overleaf template linked from the conference website.

LATEX-specific details: The templates include the LATEX2e source (acl2021.tex), the LATEX2e style file used to format it (acl2021.sty), an ACL bibliography style (acl_natbib.bst), an example bibliography (acl2021.bib), and the bibliography for the ACL Anthology (anthology.bib).

4 Length of Submission

The conference accepts submissions of long papers and short papers. Long papers may consist of up to eight (8) pages of content plus unlimited pages for references and ethics/broader impact statement. Short papers may consist of up to four (4) pages of content, plus unlimited pages for references and ethics/broader impact statement. Upon acceptance, final versions of both long and short papers will be given one additional content page to address thereviewers' comments.

102For both long and short papers, all illustrations103and tables that are part of the main text must be104accommodated within these page limits, observ-105ing the formatting instructions given in the present106document. Papers that do not conform to the107specified length and formatting requirements108are subject to be rejected without review.

The conference encourages the submission of 109 additional material that is relevant to the reviewers 110 but not an integral part of the paper. There are two 111 such types of material: appendices, which can be 112 read, and non-readable supplementary materials, 113 often data or code. Additional material must be 114 submitted as separate files, and must adhere to the 115 same anonymity guidelines as the main paper. Ap-116 pendices should be no longer than 4 pages. The 117 paper must be self-contained: it is optional for re-118 viewers to look at the supplementary material. The 119 paper should not refer, for further detail, to docu-120 ments, code or data resources that are not available 121 to the reviewers. Refer to Section 8 for further 122 information. 123

Workshop chairs may have different rules for allowed length and whether supplemental material is welcome. As always, the respective call for papers is the authoritative source.

5 Anonymity

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As reviewing will be double-blind, papers submitted for review should not include any author information (such as names or affiliations). Furthermore, self-references that reveal the author's identity, *e.g.*,

We previously showed (Gusfield, 1997)

should be avoided. Instead, use citations such as

Gusfield (1997) previously showed...

Please do not use anonymous citations and do not include acknowledgements. **Papers that do not conform to these requirements may be rejected without review.**

Any preliminary non-archival versions of submitted papers should be listed in the submission form but not in the review version of the paper. Reviewers are generally aware that authors may present preliminary versions of their work in other venues, but will not be provided the list of previous presentations from the submission form. Please do not include github links that reveal the authors' identities in your submission. If you feel it is important to include your source code, you can zip the code and submit it to softconf. 150

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Once a paper has been accepted to the conference, the camera-ready version of the paper should include the author's names and affiliations, and is allowed to use self-references and provide the related github link.

LATEX-specific details: For an anonymized submission, ensure that \aclfinalcopy at the top of this document is commented out, and that you have filled in the paper ID number (assigned during the submission process on softconf) where *** appears in the \def\aclpaperid{***} definition at the top of this document. For a camera-ready submission, ensure that \aclfinalcopy at the top of this document is not commented out.

6 Multiple Submission Policy

ACL-IJCNLP 2021 will not consider any paper that is under review in a journal or another conference at the time of submission, and submitted papers must not be submitted elsewhere during the ACL-IJCNLP 2021 review period. This policy covers all refereed and archival conferences and workshops (e.g., NAACL). The only exception is that a paper can be dual-submitted to both ACL-IJCNLP 2021 and an ACL-IJCNLP workshop.

In addition, we will not consider any paper that overlaps significantly in content or results with papers that will be (or have been) published elsewhere. Authors submitting more than one paper to ACL-IJCNLP 2021 must ensure that their submissions do not overlap significantly (> 25%) with each other in content or results.

7 Formatting Instructions

Manuscripts must be in two-column format. Exceptions to the two-column format include the title, authors' names and complete addresses, which must be centered at the top of the first page, and any full-width figures or tables (see the guidelines in Section 7.5). **Type single-spaced.** Start all pages directly under the top margin. The manuscript should be printed single-sided and its length should not exceed the maximum page limit described in Section 4. Pages should be numbered in the version submitted for review, but **pages should not be numbered in the camera-ready version**.

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LATEX-specific details: PDF files are usually produced from LATEX using the pdflatex command. If your version of LATEX produces Postscript files, ps2pdf or dvipdf can convert these to PDF. To ensure A4 format in LATEX, use the command

\special{papersize=210mm, 297mm} in the LATEX preamble (below the \usepackage commands) and use dvipdf and/or pdflatex; or specify -t a4 when working with dvips.

7.2 Layout

Format manuscripts two columns to a page, in the manner these instructions are formatted. The exact dimensions for a page on A4 paper are:

LATEX-specific details: The style files will generate page numbers when \aclfinalcopy is com-

For the production of the electronic manuscript

you must use Adobe's Portable Document Format

(PDF). Please make sure that your PDF file in-

cludes all the necessary fonts (especially tree dia-

grams, symbols, and fonts with Asian characters).

When you print or create the PDF file, there is usu-

ally an option in your printer setup to include none,

all or just non-standard fonts. Please make sure

that you select the option of including ALL the

fonts. Before sending it, test your PDF by print-

ing it from a computer different from the one

where it was created. Moreover, some word pro-

cessors may generate very large PDF files, where

each page is rendered as an image. Such images

may reproduce poorly. In this case, try alternative

ways to obtain the PDF. One way on some systems

is to install a driver for a postscript printer, send

your document to the printer specifying "Output to

It is of utmost importance to specify the A4 for-

mat (21 cm x 29.7 cm) when formatting the paper.

Print-outs of the PDF file on A4 paper should be

identical to the hardcopy version. If you cannot

meet the above requirements about the production

of your electronic submission, please contact the

a file", then convert the file to PDF.

publication chairs as soon as possible.

mented out, and remove them otherwise.

7.1 File Format

- Left and right margins: 2.5 cm
- Top margin: 2.5 cm
- Bottom margin: 2.5 cm
- Column width: 7.7 cm

| Type of Text | Font Size | Style | 2 | |
|--|-----------|-------|---|--|
| paper title | 15 pt | bold | 2 | |
| author names | 12 pt | bold | 2 | |
| author affiliation | 12 pt | | 2 | |
| the word "Abstract" | 12 pt | bold | 2 | |
| section titles | 12 pt | bold | 2 | |
| subsection titles | 11 pt | bold | 2 | |
| document text | 11 pt | | 2 | |
| captions | 10 pt | | 2 | |
| abstract text | 10 pt | | 2 | |
| bibliography | 10 pt | | 2 | |
| footnotes | 9 pt | | 2 | |
| Table 1: Font guide. | | | | |
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Paper size. If you cannot meet the above requirements about the production of your electronic submission, please contact the publication chairs above as soon as possible.

7.3 Fonts

For reasons of uniformity, Adobe's Times Roman font should be used. If Times Roman is unavailable, you may use Times New Roman or Computer Modern Roman.

Table 1 specifies what font sizes and styles must be used for each type of text in the manuscript.

LATEX-specific details: To use Times Roman in LATEX2e, put the following in the preamble:

\usepackage{times} \usepackage{latexsym}

7.4 Ruler

A printed ruler (line numbers in the left and right margins of the article) should be presented in the version submitted for review, so that reviewers may comment on particular lines in the paper without circumlocution. The presence or absence of the ruler should not change the appearance of any other content on the page. The camera ready copy should not contain a ruler.

Reviewers: note that the ruler measurements may not align well with lines in the paper – this turns out to be very difficult to do well when the paper contains many figures and equations, and, when done, looks ugly. In most cases one would expect

that the approximate location will be adequate, although you can also use fractional references (*e.g.*, this line ends at mark 295.5).

> **LAT**_E**X**-specific details: The style files will generate the ruler when \aclfinalcopy is commented out, and remove it otherwise.

7.5 Title and Authors

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Center the title, author's name(s) and affiliation(s) across both columns. Do not use footnotes for affiliations. Place the title centered at the top of the first page, in a 15-point bold font. Long titles should be typed on two lines without a blank line intervening. Put the title 2.5 cm from the top of the page, followed by a blank line, then the author's names(s), and the affiliation on the following line. Do not use only initials for given names (middle initials are allowed). Do not format surnames in all capitals (e.g., use "Mitchell" not "MITCHELL"). Do not format title and section headings in all capitals except for proper names (such as "BLEU") that are conventionally in all capitals. The affiliation should contain the author's complete address, and if possible, an electronic mail address.

The title, author names and addresses should be completely identical to those entered to the electronical paper submission website in order to maintain the consistency of author information among all publications of the conference. If they are different, the publication chairs may resolve the difference without consulting with you; so it is in your own interest to double-check that the information is consistent.

Start the body of the first page 7.5 cm from the top of the page. Even in the anonymous version of the paper, you should maintain space for names and addresses so that they will fit in the final (accepted) version.

7.6 Abstract

339 Use two-column format when you begin the ab-340 stract. Type the abstract at the beginning of the first 341 column. The width of the abstract text should be 342 smaller than the width of the columns for the text 343 in the body of the paper by 0.6 cm on each side. 344 Center the word Abstract in a 12 point bold font 345 above the body of the abstract. The abstract should 346 be a concise summary of the general thesis and conclusions of the paper. It should be no longer 347 than 200 words. The abstract text should be in 10 348 point font. 349

| Command | Output | Command | Output |
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Table 2: Example commands for accented characters, to be used in, *e.g.*, BIBT_EX names.

7.7 Text

Begin typing the main body of the text immediately after the abstract, observing the two-column format as shown in the present document.

Indent 0.4 cm when starting a new paragraph.

7.8 Sections

Format section and subsection headings in the style shown on the present document. Use numbered sections (Arabic numerals) to facilitate cross references. Number subsections with the section number and the subsection number separated by a dot, in Arabic numerals.

7.9 Footnotes

Put footnotes at the bottom of the page and use 9 point font. They may be numbered or referred to by asterisks or other symbols.¹ Footnotes should be separated from the text by a line.²

7.10 Graphics

Place figures, tables, and photographs in the paper near where they are first discussed, rather than at the end, if possible. Wide illustrations may run across both columns. Color is allowed, but adhere to Section 9's guidelines on accessibility.

Captions: Provide a caption for every illustration; number each one sequentially in the form: "Figure 1. Caption of the Figure." "Table 1. Caption of the Table." Type the captions of the figures and tables below the body, using 10 point text. Captions should be placed below illustrations. Captions that are one line are centered (see Table 1). Captions longer than one line are left-aligned (see Table 2).

¹This is how a footnote should appear.

²Note the line separating the footnotes from the text.

400 IAT_EX-specific details: The style files are compatible with the caption and subcaption packages;
402 do not add optional arguments. Do not override
403 the default caption sizes.

7.11 Hyperlinks

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Within-document and external hyperlinks are indicated with Dark Blue text, Color Hex #000099.

7.12 Citations

Citations within the text appear in parentheses as (Gusfield, 1997) or, if the author's name appears in the text itself, as Gusfield (1997). Append lowercase letters to the year in cases of ambiguities. Treat double authors as in (Aho and Ullman, 1972), but write as in (Chandra et al., 1981) when more than two authors are involved. Collapse multiple citations as in (Gusfield, 1997; Aho and Ullman, 1972).

Refrain from using full citations as sentence constituents. Instead of

"(Gusfield, 1997) showed that ..."

write

"Gusfield (1997) showed that ..."

LATEX-specific details: Table 3 shows the syntax supported by the style files. We encourage you to use the natbib styles. You can use the command \citet (cite in text) to get "author (year)" citations as in Gusfield (1997). You can use the command \citep (cite in parentheses) to get "(author, year)" citations as in (Gusfield, 1997). You can use the command \citealp (alternative cite without parentheses) to get "author year" citations (which is useful for using citations within parentheses, as in Gusfield, 1997).

7.13 References

Gather the full set of references together under the heading **References**; place the section before any Appendices. Arrange the references alphabetically by first author, rather than by order of occurrence in the text.

Provide as complete a citation as possible, using a consistent format, such as the one for *Computational Linguistics* or the one in the *Publication Manual of the American Psychological Associa tion* (American Psychological Association, 1983). Use full names for authors, not just initials. Submissions should accurately reference prior and related work, including code and data. If a piece of prior work appeared in multiple venues, the version that appeared in a refereed, archival venue should be referenced. If multiple versions of a piece of prior work exist, the one used by the authors should be referenced. Authors should not rely on automated citation indices to provide accurate references for prior and related work. 450

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The following text cites various types of articles so that the references section of the present document will include them.

- Example article in journal: (Ando and Zhang, 2005).
- Example article in proceedings, with location: (Börschinger and Johnson, 2011).
- Example article in proceedings, without location: (Andrew and Gao, 2007).
- Example arxiv paper: (Rasooli and Tetreault, 2015).

LATEX-specific details: The LATEX and BibTEX style files provided roughly follow the American Psychological Association format. If your own bib file is named acl2021.bib, then placing the following before any appendices in your LATEX file will generate the references section for you:

```
\bibliographystyle{acl_natbib}
\bibliography{acl2021}
```

You can obtain the complete ACL Anthology as a BibT_EX file from https://aclweb.org/ anthology/anthology.bib.gz. To include both the anthology and your own bib file, use the following instead of the above.

\bibliographystyle{acl_natbib}
\bibliography{anthology,acl2021}

7.14 Digital Object Identifiers

As part of our work to make ACL materials more widely used and cited outside of our discipline, ACL has registered as a CrossRef member, as a registrant of Digital Object Identifiers (DOIs), the standard for registering permanent URNs for referencing scholarly materials.

All camera-ready references are required to contain the appropriate DOIs (or, as a second resort, the hyperlinked ACL Anthology Identifier) to all cited works. Appropriate records should be found for most materials in the current ACL Anthology at

| Output | natbib command | Old ACL-style command |
|------------------|----------------|-----------------------|
| (Gusfield, 1997) | \citep | \cite |
| Gusfield, 1997 | \citealp | no equivalent |
| Gusfield (1997) | \citet | \newcite |
| (1997) | \citeyearpar | \shortcite |

Table 3: Citation commands supported by the style file. The style is based on the natbib package and supports all natbib citation commands. It also supports commands defined in previous ACL style files for compatibility.

http://aclanthology.info/. As examples, we cite (Goodman et al., 2016) to show you how papers with a DOI will appear in the bibliography. We cite (Harper, 2014) to show how papers without a DOI but with an ACL Anthology Identifier will appear in the bibliography.

LATEX-specific details: Please ensure that you use BibTEX records that contain DOI or URLs for any of the ACL materials that you reference. If the BibTEX file contains DOI fields, the paper title in the references section will appear as a hyperlink to the DOI, using the hyperref LATEX package.

8 Supplementary Materials

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Supplementary material may report preprocessing decisions, model parameters, and other details necessary for the replication of the experiments reported in the paper. Seemingly small preprocessing decisions can sometimes make a large difference in performance, so it is crucial to record such decisions to precisely characterize state-of-the-art methods.

Nonetheless, supplementary material should be supplementary (rather than central) to the paper. Submissions that misuse the supplementary material may be rejected without review. Supplementary material may include explanations or details of proofs or derivations that do not fit into the paper, lists of features or feature templates, sample inputs and outputs for a system, hyperparameter values, pseudo-code or source code, and data.

The paper should not rely on the supplementary material: while the paper may refer to and cite the supplementary material and the supplementary material will be available to the reviewers, they will not be asked to review the supplementary material.

Supplementary material can be uploaded as up to three separate files: a single appendix file in PDF format, a single .tgz or .zip archive containing software, and/or a single .tgz or .zip archive containing data.

8.1 Appendices

Appendices are material that can be read, and include lemmas, formulas, proofs, and tables that are not critical to the reading and understanding of the paper. In the submitted version, appendices should be uploaded as a separate file. **Submissions which include appendices in the main paper will be rejected without review.** In the camera ready version, instead, appendices should directly follow the text and the references. In all cases, appendices should use the same format as the main paper. 555

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LATEX-specific details: In your camera ready version use \appendix before any appendix section to switch the section numbering over to letters.

8.2 Software and Data

Submissions may include software and data used in the work and described in the paper. Any accompanying software and/or data should include licenses and documentation of research review as appropriate.

9 Accessibility

In an effort to accommodate people who are colorblind (as well as those printing to paper), grayscale readability is strongly encouraged. Color is not forbidden, but authors should ensure that tables and figures do not rely solely on color to convey critical distinctions. A simple criterion: All curves and points in your figures should be clearly distinguishable without color.

10 Translation of non-English Terms

It is also advised to supplement non-English characters and terms with appropriate transliterations and/or translations since not all readers understand all such characters and terms. Inline transliteration or translation can be represented in the order of:

| original-form | 597 |
|-----------------|-----|
| transliteration | 598 |
| "translation" | 599 |

 pilation:

- 616 the nohyperref option:

456 in ac12021.sty).

- 617 \usepackage[nohyperref]{acl2021}
- Then recompile, find the problematic citation, and
 rewrite the sentence containing the citation. (See, *e.g.*, http://tug.org/errors.html)

LATEX Compilation Issues

ing level than \pdfstartlink.

You may encounter the following error during com-

\pdfendlink ended up in different nest-

This happens when pdflatex is used and a cita-

tion splits across a page boundary. To fix this,

the style file contains a patch consisting of two

lines: (1) \RequirePackage{etoolbox} (line 455

in ac12021.sty), and (2) A long line below (line

with the patch enabled, disable the patch by

commenting the two lines, and then disable the

hyperref package by loading the style file with

If you still encounter compilation issues even

Acknowledgments

The acknowledgments should go immediately before the references. Do not number the acknowledgments section. **Do not include this section when submitting your paper for review.**

References

- Alfred V. Aho and Jeffrey D. Ullman. 1972. *The Theory of Parsing, Translation and Compiling*, volume 1. Prentice-Hall, Englewood Cliffs, NJ.
- American Psychological Association. 1983. *Publications Manual*. American Psychological Association, Washington, DC.
- Rie Kubota Ando and Tong Zhang. 2005. A framework for learning predictive structures from multiple tasks and unlabeled data. *Journal of Machine Learning Research*, 6:1817–1853.
- Galen Andrew and Jianfeng Gao. 2007. Scalable training of L1-regularized log-linear models. In *Proceedings of the 24th International Conference on Machine Learning*, pages 33–40.
- Benjamin Börschinger and Mark Johnson. 2011. A particle filter algorithm for Bayesian wordsegmentation. In *Proceedings of the Australasian Language Technology Association Workshop 2011*, pages 10– 18, Canberra, Australia.
- Ashok K. Chandra, Dexter C. Kozen, and Larry J. Stockmeyer. 1981. Alternation. *Journal of the Association for Computing Machinery*, 28(1):114–133.

- James Goodman, Andreas Vlachos, and Jason Narad-
owsky. 2016. Noise reduction and targeted explo-
ration in imitation learning for Abstract Meaning
Representation parsing. In Proceedings of the 54th
Annual Meeting of the Association for Computa-
tional Linguistics (Volume 1: Long Papers), pages 1–
11, Berlin, Germany. Association for Computational
Linguistics.650
- Dan Gusfield. 1997. *Algorithms on Strings, Trees and Sequences*. Cambridge University Press, Cambridge, UK.
- Mary Harper. 2014. Learning from 26 languages: Program management and science in the babel program. In Proceedings of COLING 2014, the 25th International Conference on Computational Linguistics: Technical Papers, page 1, Dublin, Ireland. Dublin City University and Association for Computational Linguistics.
- Mohammad Sadegh Rasooli and Joel R. Tetreault. 2015. Yara parser: A fast and accurate dependency parser. *Computing Research Repository*, arXiv:1503.06733. Version 2.