

Lipics-v2021 Template

Jane Open Access   

Dummy University Computing Laboratory, optional: Address, Country

My second affiliation, Country

Joan R. Public¹ 

Another Affiliation

Abstract

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2012 ACM Subject Classification Replace ccsgdesc macro with valid one

Keywords and phrases Dummy keyword

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1 Typesetting instructions – Summary

LIPICs is a series of open access high-quality conference proceedings across all fields in informatics established in cooperation with Schloss Dagstuhl. In order to do justice to the high scientific quality of the conferences that publish their proceedings in the LIPICs series, which is ensured by the thorough review process of the respective events, we believe that LIPICs proceedings must have an attractive and consistent layout matching the standard of the series. Moreover, the quality of the metadata, the typesetting and the layout must also meet the requirements of other external parties such as indexing service, DOI registry, funding agencies, among others. The guidelines contained in this document serve as the baseline for the authors, editors, and the publisher to create documents that meet as many different requirements as possible.

Please comply with the following instructions when preparing your article for a LIPICs proceedings volume.

Minimum requirements

- Use pdf_latex and an up-to-date L^AT_EX system.
- Use further L^AT_EX packages and custom made macros carefully and only if required.

¹ Optional footnote, e.g. to mark corresponding author



- Use the provided sectioning macros: `\section`, `\subsection`, `\subsubsection`, `\linebreak`, `\paragraph`, `\paragraph*`, and `\subparagraph*`.
- Provide suitable graphics of at least 300dpi (preferably in PDF format).
- Use BibTeX and keep the standard style (`plainurl`) for the bibliography.
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- Use a spellchecker to correct typos.

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- `\title` and, in case of long titles, `\titlerunning`.
- `\author`, one for each author, even if two or more authors have the same affiliation.
- `\authorrunning` and `\Copyright` (concatenated author names)
The `\author` macros and the `\Copyright` macro should contain full author names (especially with regard to the first name), while `\authorrunning` should contain abbreviated first names.
- `\ccsdesc` (ACM classification, see <https://www.acm.org/publications/class-2012>).
- `\keywords` (a comma-separated list of keywords).
- `\relatedversion` (if there is a related version, typically the “full version”); please make sure to provide a persistent URL, e. g., at arXiv.
- `\begin{abstract}... \end{abstract}`.

Please do not ... Generally speaking, please do not override the `lipics-v2021`-style defaults. To be more specific, a short checklist also used by Dagstuhl Publishing during the final typesetting is given below. In case of **non-compliance** with these rules Dagstuhl Publishing will remove the corresponding parts of L^AT_EX code and **replace it with the `lipics-v2021` defaults**. In serious cases, we may reject the LaTeX-source and expect the corresponding author to revise the relevant parts.

- Do not use a different main font. (For example, the `times` package is forbidden.)
- Do not alter the spacing of the `lipics-v2021.cls` style file.
- Do not use `enumitem+andparalist+`. (The `enumerate` package is preloaded, so you can use `\begin{enumerate}[(a)]` or the like.)
- Do not use “self-made” sectioning commands (e. g., `\noindent{\bf My Paragraph}`).
- Do not hide large text blocks using comments or `\iffalse ... \fi` constructions.
- Do not use conditional structures to include/exclude content. Instead, please provide only the content that should be published – in one file – and nothing else.
- Do not wrap figures and tables with text. In particular, the package `wrapfig` is not supported.
- Do not change the bibliography style. In particular, do not use author-year citations. (The `natbib` package is not supported.)

This is only a summary containing the most relevant details. Please read the complete document “LIPICs: Instructions for Authors and the `lipics-v2021` Class” for all details and don’t hesitate to contact Dagstuhl Publishing (publishing@dagstuhl.de) in case of questions or comments: <http://drops.dagstuhl.de/styles/lipics-v2021/lipics-v2021-authors/lipics-v2021-authors-guidelines.pdf>

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► **Lemma 1** (Lorem Ipsum). *Vestibulum sodales dolor et dui cursus iaculis. Nullam ullamcorper purus vel turpis lobortis eu tempus lorem semper. Proin facilisis gravida rutrum. Etiam sed sollicitudin lorem. Proin pellentesque risus at elit hendrerit pharetra. Integer at turpis varius libero rhoncus fermentum vitae vitae metus.*

Proof. Cras purus lorem, pulvinar et fermentum sagittis, suscipit quis magna.

Just some paragraph within the proof. Nam liber tempor cum soluta nobis eleifend option congue nihil imperdiet doming id quod mazim placerat facer possim assum. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

▷ Claim 2. content...

Proof. content...

1. abc abc abc ◀

◀

► **Corollary 3** (Curabitur pulvinar, [?]). *Nam liber tempor cum soluta nobis eleifend option congue nihil imperdiet doming id quod mazim placerat facer possim assum. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.*

► **Proposition 4** (Nam liber). *This is a proposition*

Proposition 4 and Proposition 4 ...

2.1 Curabitur dictum felis id sapien

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```

for i:=maxint to 0 do
begin
  j:=square(root(i));
end;

```

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► Remark 5. content...

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► **Lemma 6** (Quisque blandit tempus nunc). *Sed interdum nisl pretium non. Mauris sodales consequat risus vel consectetur. Aliquam erat volutpat. Nunc sed sapien ligula. Proin faucibus sapien luctus nisl feugiat convallis faucibus elit cursus. Nunc vestibulum nunc ac massa pretium pharetra. Nulla facilisis turpis id augue venenatis blandit. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.*

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References

- 1 Edsger W. Dijkstra. Letters to the editor: go to statement considered harmful. *Commun. ACM*, 11(3):147–148, 1968. doi:10.1145/362929.362947.
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- 4 Donald E. Knuth. Computer Programming as an Art. *Commun. ACM*, 17(12):667–673, 1974. doi:10.1145/361604.361612.

A

Styles of lists, enumerations, and descriptions

List of different predefined enumeration styles:

```
■ \begin{itemize}...\end{itemize}
■ ...
■ ...

1. \begin{enumerate}...\begin{enumerate}
2. ...
3. ...
```

Description 1 `\begin{description}...\end{description}`

Description 2 usce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.

Description 3 ...

B

Theorem-like environments

List of different predefined enumeration styles:

► **Theorem 7** (Test Env). *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Lemma 8** (Test Env). *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Corollary 9** (Test Env). *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Proposition 10** (Test Env). *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Conjecture 11** (Test Env). *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Observation 12.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Exercise 13 (Test Env).** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Definition 14 (Test Env).** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Example 15 (Test Env).** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Note 16.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Note 17.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Remark (Test Env).** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

► **Remark (Test Env).** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

▷ **Claim 18.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

▷ **Claim 19.** *Fusce eu leo nisi. Cras eget orci neque, eleifend dapibus felis. Duis et leo dui. Nam vulputate, velit et laoreet porttitor, quam arcu facilisis dui, sed malesuada risus massa sit amet neque.*

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