

# The IARIA-lite Example of its CTAN Package and L<sup>A</sup>T<sub>E</sub>X Class

Compatible With All L<sup>A</sup>T<sub>E</sub>X Distributions, but Without IARIA Specifications for Citation Style

Christoph P. Neumann 

Department of Electrical Engineering, Media, and Computer Science

Ostbayerische Technische Hochschule Amberg-Weiden

Amberg, Germany

e-mail: c.neumann@oth-aw.de

**Abstract**—This paper demonstrates an example of a paper, based on the `iarialite` L<sup>A</sup>T<sub>E</sub>X class. The `iarialite` class is compatible with all L<sup>A</sup>T<sub>E</sub>X distributions, in contrast to `iarialite` class. To achieve this compatibility, the lite variant dispenses with implementing the IARIA specifications for citation style. However, this example paper includes the necessary citation style adoptions for a `pdflatex/biblatex/biber` technology stack in its source code, you need to adopt them for any other L<sup>A</sup>T<sub>E</sub>X distributions. The example is intended for beginners, e. g., undergraduate students. It contains a basic outline template and usually fills it with dummy text. Graphic exclamation marks highlight important remarks. **{▲ For beginners: Do NOT remove the abstract, this section is mandatory. Do NOT use special characters, symbols, or math in your title or abstract. Do NOT use cites in your abstract.}**

*Keywords-template; lorem ipsum.*

## I. INTRODUCTION

The IARIA formatting is based on IEEE style. The unofficial IARIA-lite L<sup>A</sup>T<sub>E</sub>X class is based on IEEEtran class [1]. The IARIA formatting rules [2] are adopted from the IEEE template and formatting specifications [3]. In addition, be aware of the supplementary IARIA editorial rules [4] **{▲}** that provide a beginner-friendly set of further advices. It is recommended to use a grammar tool, e. g., the LanguageTool [5] browser plugin in combination with Overleaf [6].

Etiam euismod. Fusce facilisis lacinia dui. Suspendisse potenti. In mi erat, cursus id, nonummy sed, ullamcorper eget, sapien. Praesent pretium, magna in eleifend egestas, pede pede pretium lorem, quis consectetur tortor sapien facilisis magna. Mauris quis magna varius nulla scelerisque imperdiet. Aliquam non quam. Aliquam porttitor quam a lacus. Praesent vel arcu ut tortor cursus volutpat. In vitae pede quis diam bibendum placerat. Fusce elementum convallis neque. Sed dolor orci, scelerisque ac, dapibus nec, ultricies ut, mi. Duis nec dui quis leo sagittis commodo.

**{▲ IARIA editorial rules: Introduction must end with a paragraph describing the structure of the paper!}** The remainder of the paper is organized as follows: In Section II, ...

## II. RELATED WORK | METHODS

Aliquam lectus. Vivamus leo. Quisque ornare tellus ullamcorper nulla. Mauris porttitor pharetra tortor. Sed fringilla justo sed mauris. Mauris tellus. Sed non leo. Nullam elementum, magna in cursus sodales, augue est scelerisque sapien, venenatis congue nulla arcu et pede. Ut suscipit enim vel sapien. Donec congue. Maecenas urna mi, suscipit in, placerat ut, vestibulum ut, massa. Fusce ultrices nulla et nisl.

## III. RESULTS

Etiam ac leo a risus tristique nonummy. Donec dignissim tincidunt nulla. Vestibulum rhoncus molestie odio. Sed lobortis, justo et pretium lobortis, mauris turpis condimentum augue, nec ultricies nibh arcu pretium enim. Nunc purus neque, placerat id, imperdiet sed, pellentesque nec, nisl. Vestibulum imperdiet neque non sem accumsan laoreet. In hac habitasse platea dictumst. Etiam condimentum facilisis libero. Suspendisse in elit quis nisl aliquam dapibus. Pellentesque auctor sapien. Sed egestas sapien nec lectus. Pellentesque vel dui vel neque bibendum viverra. Aliquam porttitor nisl nec pede. Proin mattis libero vel turpis. Donec rutrum mauris et libero. Proin euismod porta felis. Nam lobortis, metus quis elementum commodo, nunc lectus elementum mauris, eget vulputate ligula tellus eu neque. Vivamus eu dolor.

## IV. DISCUSSION | EVALUATION

Nulla in ipsum. Praesent eros nulla, congue vitae, euismod ut, commodo a, wisi. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Aenean nonummy magna non leo. Sed felis erat, ullamcorper in, dictum non, ultricies ut, lectus. Proin vel arcu a odio lobortis euismod. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Proin ut est. Aliquam odio. Pellentesque massa turpis, cursus eu, euismod nec, tempor congue, nulla. Duis viverra gravida mauris. Cras tincidunt. Curabitur eros ligula, varius ut, pulvinar in, cursus faucibus, augue.

## V. CONCLUSION AND FUTURE WORK

**{▲ IARIA editorial rules: Last section must be “Conclusion and Future Work”!}** Nulla mattis luctus nulla. Duis commodo velit at leo. Aliquam vulputate magna et leo. Nam vestibulum ullamcorper leo. Vestibulum condimentum rutrum mauris. Donec id mauris. Morbi molestie justo et pede. Vivamus eget turpis sed nisl cursus tempor. Curabitur mollis sapien condimentum nunc. In wisi nisl, malesuada at, dignissim sit amet, lobortis in, odio. Aenean consequat arcu a ante. Pellentesque porta elit sit amet orci. Etiam at turpis nec elit ultricies imperdiet. Nulla facilisi. In hac habitasse platea dictumst. Suspendisse viverra aliquam risus. Nullam pede justo, molestie nonummy, scelerisque eu, facilisis vel, arcu.

**{▲ For beginners: you must not leave the bibliography blank. Add appropriate references to your related work.}** A selection of previous IARIA publications of the CyberLytics lab [7][8][9][10] are included as reference and further example.

## REFERENCES

- [1] M. Shell, "How to use the IEEEtran L<sup>A</sup>T<sub>E</sub>X class," 2015. [Online]. Available: [http://mirrors.ctan.org/macros/latex/contrib/IEEEtran/IEEEtran\\_HOWTO.pdf](http://mirrors.ctan.org/macros/latex/contrib/IEEEtran/IEEEtran_HOWTO.pdf).
- [2] IARIA, "Formatting rules," 2014. [Online]. Available: <http://www.iaria.org/formatting.doc>.
- [3] IEEE, "Conference template and formatting specifications," 2018. [Online]. Available: <https://www.ieee.org/content/dam/ieee-org/ieee/web/org/conferences/Conference-template-A4.doc>.
- [4] IARIA, "Editorial rules," 2009. [Online]. Available: <https://www.iaria.org/editorialrules.html>.
- [5] LanguageTooler GmbH, "LangueTool. "[Online]. Available: <https://languagetool.org/overleaf>.
- [6] Digital Science UK Limited, "Overleaf. "[Online]. Available: <https://www.overleaf.com>.
- [7] P. Levi and C. P. Neumann, "Goal Hijacking Using Adversarial Vocabulary for Attacking Vulnerabilities of Large Language Model Applications," *International Journal on Advances in Software*, vol. 17, no. 3&4, pp. 214–225, 2024, ISSN: 1942-2628. DOI: 10.5281/zenodo.14680185.
- [8] P. Levi and C. P. Neumann, "Vocabulary Attack to Hijack Large Language Model Applications," in *Proc of the 15th International Conference on Cloud Computing, GRIDs, and Virtualization (Cloud Computing 2024)*, Venice, Italy, Apr. 2024, pp. 19–24. DOI: 10.48550/arXiv.2404.02637.
- [9] A. Pakmehr, A. Abmuth, C. P. Neumann, and G. Pirkl, "Security Challenges for Cloud or Fog Computing-Based AI Applications," in *Proc of the 14th International Conference on Cloud Computing, GRIDs, and Virtualization (Cloud Computing 2023)*, Nice, France, Jun. 2023, pp. 21–29. DOI: 10.48550/arXiv.2310.19459.
- [10] P. Stangl and C. P. Neumann, "FoodFresh: Multi-Chain Design for an Inter-Institutional Food Supply Chain Network," in *Proc of the 14th International Conference on Cloud Computing, GRIDs, and Virtualization (Cloud Computing 2023)*, Nice, France, Jun. 2023, pp. 41–46. DOI: 10.48550/arXiv.2310.19461.