

Title of my paper

First Author Second Author * Third Author

Name of Institution

Abstract

The abstract should include a short summary of the presented work, focusing on the motivation, open-source software used and the main implications of the results. The recommended length of the abstract is between 200 and 250 words.

Following the abstract, please include 3 - 5 keywords, relevant to the presented work.

Keywords: Template, Open Source, Structural Dynamics, Python

1 Introduction / Statement of Need

For submissions to the “Applications of Open-Source software in Structural Dynamics” track, begin the paper with a section titled **Introduction**, explaining the background and main motivation behind your work.

For submissions to the “Development and Maintenance of Open-source software in Structural Dynamics” track, begin the paper with a section titled **Statement of Need**, explaining the motivation behind your open-source package and the problem it is aiming to solve.

2 Submitting your paper

Please submit your paper in the source (.tex) format and .pdf format. To ensure the submitted paper meets the formatting requirements, we recommend using and modifying this template directly when preparing your paper.

You can find more information about the submission system and important dates at <http://lab.fs.uni-lj.si/ladisk/OpenSDconference.php>.

3 The composition of your paper

After the introductory section (Sec. 1), include the main sections of your paper at your discretion, focusing on topics such as the main features of your software implementation, typical result examples, validation cases, unit testing procedures, publication and packaging workflows, the open-source packages used in your research etc. You can include a section titled **Conclusion** to summarize and evaluate

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the results and implications of your work, and a section titled **Acknowledgements** to acknowledge any funding sources.

The recommended length of extended abstracts is between 2 and 4 pages, including references.

3.1 Figures and Tables

To include figures in your submission, the `graphicx` can be used. Figures can also be used to include snapshots of your software source code (please make sure the included code is readable). The figures should be centrally aligned. Please use high quality images (300 dpi or higher). The recommended width of figures is between 100 and 150 mm. A caption should be added below each figure, and each figure should be cited in the main text (example: Fig. 1).

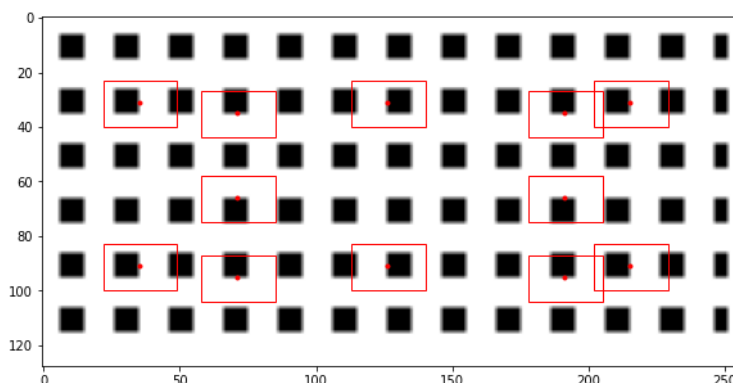


Fig. 1: Figure caption body.

Likewise, any included tables should be accompanied by a caption above the table and cited in the main text. Tab. 1 shows the recommended table formatting.

Tab. 1: Table caption body.

Setting	Value
Frame rate	10^4 frames/s
Total images	10^4
Image resolution	1024×1024 pixels
Interpolation method	Cubic spline

3.2 Reference citations

Use the `\cite` command to reference citations in your main text. You can cite a single reference [1] or multiple references [2, 3]. It is recommended to list all the external references in a `bibliography.bib` bibtex file (see the included example bibliography file).

The paper should end with a list of references in the order of appearance, cited in the IEEE citation format.

This can be achieved using this template by using the `\bibliography{}` command.

References

- [1] C. R. Harris, K. J. Millman, S. J. van der Walt, R. Gommers, P. Virtanen, D. Cournapeau, E. Wieser, J. Taylor, S. Berg, N. J. Smith, R. Kern, M. Picus, S. Hoyer, M. H. van Kerkwijk, M. Brett, A. Haldane, J. F. del Río, M. Wiebe, P. Peterson, P. Gérard-Marchant, K. Sheppard, T. Reddy, W. Weckesser, H. Abbasi, C. Gohlke, and T. E. Oliphant, “Array programming with NumPy,” *Nature*, vol. 585, pp. 357–362, Sep 2020.
- [2] K. Zaletelj, D. Gorjup, and J. Slavič, “ladisk/pyidi: Release of the version v0.23,” Sept. 2020.
- [3] K. Zaletelj, T. Bregar, D. Gorjup, and J. Slavič, “ladisk/pyema: v0.24,” Sept. 2020.