VLEO2025-#-##

Paper Template and Instructions for 2nd International Symposium on Very Low Earth Orbit Missions and Technologies

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# Abstract

This is a template for the preparation of papers for the 2nd International Symposium on Very Low Earth Orbit Missions and Technologies 2025 in Stuttgart, Germany. The template contains detailed instructions on paper formatting to which article contributors to the symposium are kindly requested to adhere.

**Key words:** Key word 1, key word 2, key word 3, key word 4

# Introduction

This document provides a template as well as detailed instructions for the preparation of scientific papers contributed to the 2nd International Symposium on Very Low Earth Orbit Missions and Technologies on 13-14 January 2025 in Stuttgart, Germany. The paper template is provided both in LATEX and Microsoft Word format for the convenience of the authors. We ask that authors kindly follow the herein provided instructions and recommendations regarding the form of the paper.

Whereas no strict page limit applies, we recommend restricting the length of your contribution to ten pages or less. Please prepare your paper in English. You may use any established regional spelling variant thereof, however please maintain consistency.

For further information, visit [www.sfb1667.uni](http://www.sfb1667.uni-stuttgart.de/VLEOsymposium/)-[stuttgart.de/VLEOsymposium](http://www.sfb1667.uni-stuttgart.de/VLEOsymposium/) or contact [info@atlas.uni-stuttgart.de](mailto:info@atlas.uni-stuttgart.de) for inquiries and for the submission of your completed paper. Please understand that the conference bureau cannot provide technical support for the creation of your paper.

# Format

Please prepare your paper in a two-column A4 paper format. Leave 20 mm of margin to the left and right side of each page and leave 25 mm margin from the main body of text at the top and bottom of each page. Provide for 5 mm of separation between both columns. The title and list of authors and affiliations, but also individual figures and tables may span the width of both columns as needed.

The preferred font type is *Computer Modern* (LATEX) or *Times New Roman* (Word), with a standard size of 10pt. This is reduced to 9pt for figure and table captions, for the list of affiliate institutions, the contact e-mail address, and for the header. Tables and references use a font size of 8pt.

## Headers and Footers

The header of each page features two centred lines of text, respectively reading “2nd International Symposium on Very Low Earth Orbit Missions and Technologies” and “13-14 January 2025, Stuttgart, Germany” in 9pt standard font. A thin horizontal bar spanning the width of both columns shall be included as a visual separator to the main body of the paper.

The page number shall be placed in the centre of the footer of each page in standard 10pt font. Footnotes may be used sparingly.

## Title and Authors

The title and list of authors, including their affiliations, are centred and span both columns. A placeholder for the document number is positioned in 10pt italics above the title and will be assigned by the conference bureau. The title of the paper is in 14pt boldface. Please limit yourself to a maximum of 20 words when selecting a title for your paper.

The author’s names are printed in 10pt. Please put all surnames in small caps to avoid ambiguity. Assign the respective institutions via consecutive numbering in superscripts.

The institutions, respectively led by the assigned number in superscript, are listed below the list of authors using 9pt italicised font. Please include at least one e-mail address by which the leading author(s) can be reached.

Please be sure to leave at least one line distance respectively between the paper number, paper title, list of authors, list of institutions and the two-column main body of the paper (beginning with the abstract).

## Abstract and Key Words

The abstract is unnumbered and spans both columns with an additional side margin of at least 5 mm. Please endeavour to keep the abstract shorter than 250 words.

Key words are given below the abstract in regular 10pt font and preceded by the term “**Key Words:**” in boldface and with respectively left and full justification for single or multiple lines. Please leave one line of space to the abstract and two lines before the following header, respectively. Please provide no less than three and no more than six key words.

## Headings

First-order headings are centred and in 10pt boldface. Leave a blank line before and after the heading. Number all first-order headings consecutively with the exception of the Abstract, Acknowledgements, and Reference sections. Indent the first as well as subsequent paragraphs after the sub-heading.

## Sub-headings

Second-order headings should be in 10pt boldface. Include a blank line before but not after the heading. Indent the first as well as subsequent paragraphs after the sub-heading.

#### Sub-sub-headings

Third-order headings should be in 10pt italicized boldface. Include a blank line before but not after the heading. Indent the first as well as subsequent paragraphs after the sub-sub-heading. Please refrain from using fourth-order headings or deeper.

## Equations, Symbols and Acronyms

Please number your equations consecutively using round brackets and refer to them accordingly using the shorthand Eqn. (1). When writing out the equation, the number should be provided in round brackets and be flush with the right-hand-side of the column, as in

(1)

Consider that equations, when embedded into a sentence, generally require corresponding punctuation as provided in the example above. In-line equations, such as *a*2 + *b*2 = *c*2, may be used for short equations as convenient.

Please define symbols and acronyms upon their first appearance within your paper. We kindly request that authors provide result values in units conforming with the International System of Units (SI) and highly recommend referring to the United States *National Institute of Standards and Technology*’s *Guide for the Use of the International System of Units* for best practices in typesetting of symbols and equations. [1]



Figure 1: The 2nd International Symposium on Very Low Earth Orbit Missions and Technologies 2025 in Stuttgart, Germany

## Citations and Bibliography

Please adhere to the IEEE citation guidelines [2]. References are numbered in the order of their first citation and given in square brackets, e.g. [3] and [4,5]. Please use 8pt font for the list of references and ensure that the information provided is complete, i.e. sufficient to reliably trace each reference (generally including the authors, title, journal or conference, number, page numbers and the year of publication). For online resources, provide a URL and date of most recent access. [6]

Out of respect to the contributions of the cited authors, please provide all author names, avoid typos, and refrain from using *et al.* where reasonably possible. Note that the example references given in the bibliography of this template are entirely fictional, with the exception of [1] and [2].

# Figures and Tables

All figures and tables must be explicitly referenced in the text, e.g. Fig. 1 and Tab. 1. As illustrated by example of Tab. 1, figures and tables should be centred and may span both columns if needed. It is recommended that figures and tables be arranged toward the upper or lower end of the column and/or page wherever possible, thus avoiding isolated lines of text. Captions should be in 9pt boldface.

## Figures

Authors are free to use colour in their figures, however please consider the issue of legibility for readers with impaired (colour) vision. Please ensure that any line art, i.e. plots feature sufficiently thick lines and that font sizes are sufficiently large to be unambiguously legible. Consider using vector image formats (e.g. *.pdf*, *.eps* or *.svg*) to ensure an optimal quality in your line art.

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| Table 1: Base units of the International System of Units (SI)   |  |  |  |  | | --- | --- | --- | --- | | Quantity | Dimension symbol | Unit | Symbol | | Time | T | Second | s | | Distance | L | Meter | m | | Mass | M | Kilogram | kg | | Electric current | I | Ampere | A | | Thermodynamic temperature | Θ | Kelvin | K | | Amount of substance | N | Mole | mol | | Luminous intensity | J | Candela | cd | |

Figure captions are placed below the respective figure and are centred for single-line captions. Multi-line captions are fully justified. Provide an empty line of space below the figure caption and the text.

In the LATEX paper template, images are by default stored in the *Figures* subfolder.

## Tables

Authors may use 8pt font for their tables. Table captions are placed above the respective table and are centred for single-line captions. Multi-line captions are fully justified. Provide an empty line of space between the table caption and the text.

# Submission

Authors are requested to submit their “camera-ready” paper via e-mail to [info@atlas.uni-stuttgart.de](mailto:info@atlas.uni-stuttgart.de) by 05 January 2025. Please provide the paper as a .pdf file no larger than 5 MB.

# Content

Within the numbered sections, please be sure to provide an introduction to your work, a description of your research method, and to offer conclusions following the presentation and discussion of your results.

# Acknowledgments

Please acknowledge the contributions of institutions and individuals to your research that are not already included as co-authors. Further, please indicate the source(s) of funding for your research.

# References

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