Paper Title

J. Roe1, J. Doe2

1. Department (if applicable), Organization, City, State (2-letter abbreviation), Country.
2. Department (if applicable), Organization, City, State (2-letter abbreviation), Country.

# Abstract

Insert your abstract here.

**Keywords:** Add keywords here.

# Introduction

Here, you may include some background information and describe the problem. You may want to provide an overview of the work presented in the paper. The section headings that follow are only **suggestions**.

# Theory / Experimental Set Up

You may want to include some theory to set up the reader for your simulation work.

## Subsection

This is a subsection with a conference paper reference. Add references to the paper via References -> Citations & Bibliography -> Manage Sources. Then select the citation from the list to add it to the paper. Here is a conference paper example reference [1].

# Governing Equations / Numerical Model / Simulation / Methods / Use of Simulation Apps

The paper should include a description of how COMSOL® was used or will be used in this study (include which modules and physics interfaces were/will be used).

The paper also should contain a mathematical description of the problem. Governing equations, initial conditions, and boundary conditions may be important to include.

We encourage you to write about your use of simulation apps, if applicable.

## Subsection

This is another subsection with a journal paper reference [2].

# Experimental Results / Simulation Results / Discussion

You may include color simulation images. Please export your simulation images such that the final resolution of your figures is at least 300 DPI.



Figure . The caption should be centered underneath the figure and set in 9-point font.

# Conclusions

You may include any implications or conclusions obtained from your work. You may include plans for future work.

# References

|  |  |
| --- | --- |
| [1]  | J. Doe, "Conference Paper Title", in *Conference Name*, Munich, 2023.  |
| [2]  | J. Roe and J. Doe, "Journal Paper Title", *Journal Name,* pp. 44–45, 2023.  |

# Acknowledgements

You may include acknowledgements here.

# Appendix

You may include an appendix. If so, please insert a page break before this section.

**Table 1**: Font sizing used in this template

|  |  |
| --- | --- |
| **Item** | **Size** |
| Paper title | 16 point |
| Abstract & keywords headings | 11 point |
| Author information | 11 point |
| Main section (Heading 1) | 11 point |
| Subsection (Heading 2) | 10 point |
| Body text | 10 point |
| Figure numbers, table numbers, and captions | 9 point, italics |