

# PAR LATEX template - title goes here

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## ABSTRACT

This is a simple template for authors to write new PAR papers. The abstract should briefly describe the aims, methods, and main results of the paper. It should be a single paragraph not more than 300 words. No references should appear in the abstract.

**Keywords:** keyword1 – keyword2 – keyword3

## 1. INTRODUCTION

This is a simple template for authors to write new PAR papers. See `par_sample.tex` for a more complex example, and `par_guide.tex` for a full user guide.

All papers should start with an Introduction section, which sets the work in context, cites relevant earlier studies in the field by [Author1 et al. \(2018\)](#), and describes the problem the authors aim to solve.

## 2. SECTION

Manuscripts should be divided into ordered and numbered sections. These sections should contain sufficient details to allow others to replicate and build on published results. New methods and protocols should be described in detail while well-established methods can be briefly described and appropriately cited. All headings (except Introduction and Conclusion) can be divided into subsections.

### 2.1. SubSection

#### 2.1.1. Sub-SubSection

Bulleted lists look like this:

- First bullet;
- Second bullet;
- Third bullet.

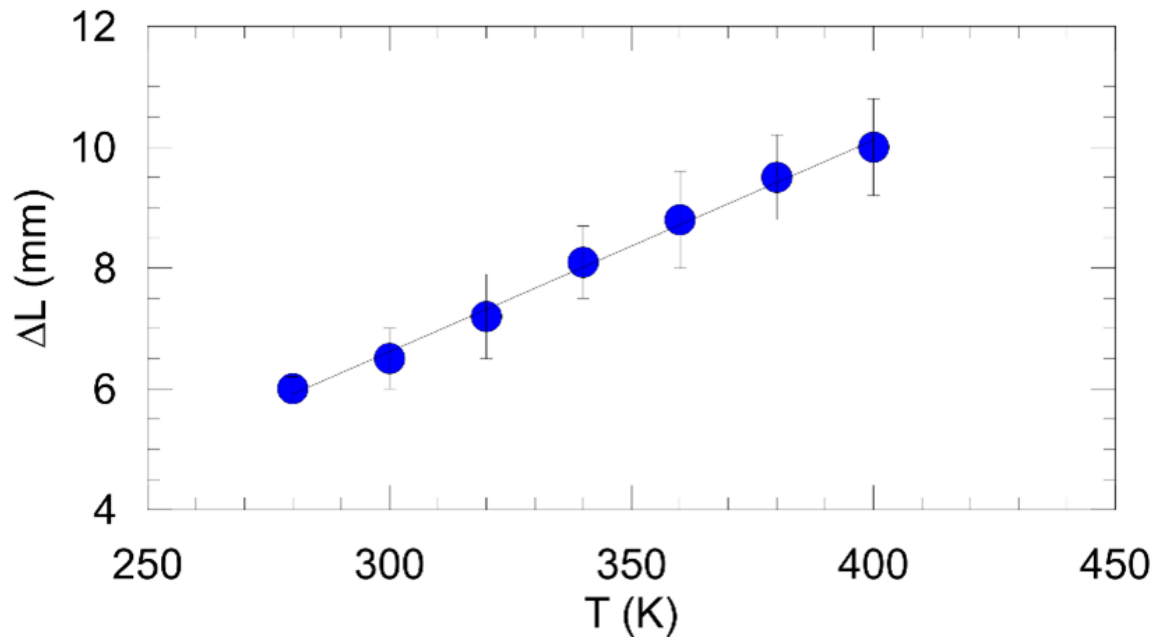
Numbered lists look like this:

1. First item
2. Second item
3. Third item

Authors should provide a concise and precise description of the theoretical/experimental results, their interpretation as well as the conclusions that can be drawn in these sections.

## *Figures, Tables and Schemes*

All figures and tables should be cited in the main text as Figure 1, Table 1, etc.



**Figure 1.** This is a figure. Schemes follow the same formatting. If there are multiple panels, they should be listed as: (a) Description of what is contained in the first panel. (b) Description of what is contained in the second panel. Figures should be placed in the main text near to the first time they are cited.

**Table 1.** This is a table caption. Tables should be placed in the main text near to the first time they are cited

| Title 1 | Title 2             | Title 3 |
|---------|---------------------|---------|
| Data 1  | Data 3 <sup>1</sup> | Data 5  |
| Data 2  | Data 4              | Data 6  |

<sup>1</sup>Tables may have footer

**NOTE:** Tables, if preferred, can also be prepared in landscape format.

### **Mathematics**

Scalar variables are *italic*; vectors are ***bold italic*** (no arrows); matrices are bold; dot products are denoted by a bold centred dot  $\bullet$ , cross-products by a bold multiplication sign  $\times$ . Differential  $d$ , complex  $i$ , exponential  $e$ ,  $\sin$ ,  $\cos$ ,  $\tan$ ,  $\log$ , etc., are not italic. Sub/superscripts that are physical variables are italic, while those that are merely labels are roman (e.g.  $C_t$  and  $F_v$  but  $T_{\text{eff}}$  and  $b_{\text{max}}$ ).

### **Equations**

This is the example of a simple equation:

$$x = 1 \tag{1}$$

This is the example of a longer equation:

$$y = a + b + c + d + e + f + g + h + i + j + k + l + m + n + o + p \tag{2}$$

This is the example of a sequence of equations:

$$\begin{aligned} x &= 1 \\ y &= 2 \\ z &= 3 \end{aligned} \tag{3}$$

## **3. CONCLUSION**

This last section should briefly summarise what has been done, and describe the final conclusions which the authors draw from their work.

## **ACKNOWLEDGEMENTS**

Here you can thank helpful colleagues, acknowledge funding agencies and facilities used. It should be kept short.

## **REFERENCES**

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- Author 1, A.B.; Author 2, C. Title of Unpublished Work. Abbreviated Journal Name year, phrase indicating stage of publication (submitted; accepted; in press).
- Author 1, T., Author 2, S., Author 3, K., et al., 2018, preprint (arXiv: 0245.35874)

## **SUPPLEMENTARY**

If you want to present additional material which would interrupt the flow of the main paper, it can be placed in an Appendix which appears after the list of references.