MNRAS LATEX $2_{\mathcal{E}}$ template – title goes here

Keith T. Smith, 1* A. N. Other, 2 Third Author 2,3 and Fourth Author 3 Royal Astronomical Society, Burlington House, Piccadilly, London WIJ OBQ, UK

Accepted XXX. Received YYY; in original form ZZZ

This is a simple template for authors to write new MNRAS papers. The abstract should briefly describe the aims, methods, and main results of the paper. It should be a single paragraph not more than 250 words (200 words for Letters). No references should appear in the abstract.

Key words: keyword1 – keyword2 – keyword3

Figure 1. This is an example figure. Captions appear below each figure. Give enough detail for the reader to understand what they're looking at, but leave detailed discussion to the main body of the text.

1 INTRODUCTION

cm⁻²This is a simple template for authors to write new MNRAS papers. See mnras_sample.tex for a more complex example, and mnras_guide.tex for a full user guide.

All papers should start with an Introduction section, which sets the work

2 METHODS, OBSERVATIONS, SIMULATIONS ETC.

Normally the next section describes the techniques the authors used.

2.1 Maths

Simple mathematics can be inserted into the flow of the text e.g. 2×3 6 or v 220 km s⁻¹, but more complicated expressions should be entered as a numbered equation:

$$x \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}.$$
 (1)

Refer back to them as e.g. equation (1).

2.2 Figures and tables

Figures and tables should be placed at logical positions in the text. Don't worry about the exact layout, which will be handled by the

Figures are referred to as e.g. Fig. 1, and tables as e.g. Table 1.

Table 1. This is an example table. Captions appear above each table. Remember to define the quantities, symbols and units used.

A	В	С	D
1	2	3	4
2	4	6	8
3	5	7	9

3 CONCLUSIONS

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

ACKNOWLEDGEMENTS

The Acknowledgements section is not numbered. Here you can thank helpful colleagues, acknowledge funding agencies, telescopes and facilities used etc. Try to keep it short.

APPENDIX A: SOME EXTRA MATERIAL

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.

This paper has been typeset from a TEX/LATEX file prepared by the author.

²Department, Institution, Street Address, City Postal Code, Country

³Another Department, Different Institution, Street Address, City Postal Code, Country

^{*} E-mail: mn@ras.org.uk (KTS)