THE TITLE SHOULD BE SET IN 11 PT TIMES NEW ROMAN, BOLD, AND CENTRED

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ABSTRACT

This example paper contains instructions for the preparation of accepted papers for the Operational Research Society Simulation Workshop which will be held from 31 March - 2 April 2025. Please follow these guidelines as closely as possible. Information about the workshop can be found via the Operational Research Society website: www.theorsociety.com/events/simulation-workshop. The abstract text for the paper should be typed using Times New Roman 11-point, fully justified. Please note the setting of the word "ABSTRACT" at the beginning of the paragraph (bold, upper case, non-italics). The title, author names, and affiliation are to be positioned centrally as shown above. Further details of the paper format are contained in this sample paper.

1 INTRODUCTION

This paper provides instructions for the preparation of papers for the 2025 Simulation Workshop (SW25) using LaTeX. There is a companion paper that provides instructions for the preparation of papers using Microsoft Word.

The easiest way to write a paper using LaTeX that complies with the requirements is to edit the source file, `sw25paper.tex,` **for this document.**

2 LAYOUT OF THE PAPER

2.1 Basic Layout Details

Major words should be capitalised.

Equation example below:

$$E = mc^2 \tag{1}$$

Preferably, figures should be inserted in the text, soon after they are referred to. The same applies to tables. Figures, tables and equations should be numbered e.g. Figure 1. Place figure captions below the figure and table captions above the table, as per examples below.

Table 1: Results of Experiments.

Experiment	Results
1	15.3
2	17.2

Figure 1: This is an Input/Output Diagram.

Programming code example below:

```
class ClassName{
code example
add the details
};
```

References should be cited in the text with author names and date in brackets. Surname_Author (2010) could also be cited parenthetically (Surname_Author, 2010). For a paper with exactly two authors use (Surname_Author1 and Surname_Author2, 2010) and for papers with more than two authors use Surname_Author1 et al (2010). For multiple citations separate citations with a semicolon, i.e. (Surname_Author, 2010; Surname_Author1 et al 2010). References to internet sites must be given in brackets in the text, not in the reference list. The full URL must be given, followed by the date website was accessed. For example, https://www.brunel.ac.uk/computer-science accessed 1 January 2019.

Examples:
Chen and Hardoon (2010) or (Chen and Hardoon 2010).
Glover and Laguna (1997) or (Glover and Laguna 1997).
Mourtos (2003) or (Mourtos 2003).
Osman (1995) or (Osman 1995).
Ryan and Heavey (2006) or (Ryan and Heavey 2006).

2.2 Length of the Abstract and Paper

The abstract for the paper should be 150 words max. The overall length of the paper should be between 3 and 10 *Proceedings pages* (10-15 pages for the introductory/advanced tutorial stream).

3 SUBMISSION OF ACCEPTED PAPER

You are responsible for ensuring that your final submission conforms to the specification in this sample document. The submission deadline for the paper is **21 October 2024**. Submission instructions will be found at www.theorsociety.com/events/simulation-workshop.

ACKNOWLEDGMENTS

An acknowledgements section may be added, if required, to acknowledge the contribution of other research work. The acknowledgements section should be placed between the main text of the paper and before the References section (or any appendices included).

A APPENDICES

Appendices may be added, if required, after the Acknowledgements section. For multiple appendices, label them **A**, **B**, **C** etc. Label figure and tables in appendices as appropriate, for example Figure A-1.

B QUADRATIC

The solution to (1) has the form

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \text{ if } a \neq 0. \tag{2}$$

C LIST

The following is an example of enumerated list.

1. Item 1.
2. Item 2.
3. Item 3.

REFERENCES

Chen, C. C., and D. R. Hardoon. 2010. "Learning from multi-level behaviours in agent-based simulations: a Systems Biology application". *Journal of Simulation*. advance online publication 5 February, doi: 10.1057/jos.2009.30.

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Osman, I. H. 1995. "An introduction to meta-heuristics". In *Operational Research Tutorial 1995*, edited by M. Lawrence and C. Wilsdon. Birmingham: Operational Research Society.

Ryan, J., and C. Heavey. 2006. "Requirements gathering for simulation". In *Proceedings of the 3rd Operational Research Society Simulation Workshop*, edited by S. Robinson, S. J. E. Taylor, S. Brailsford, and J. Garnett, 175–184. Birmingham, UK: The Operational Research Society.

AUTHOR BIOGRAPHIES

ANDREA ADAMS received a BSc (Hons) Computer Science from the University of Somewhere in 1986. She completed her PhD at the same University in 1990. She is currently a principal researcher and lecturer in the Department of Computing. Dr Adams has an extensive background in this field for the past 10 years. http://www.somewhere.hw.ac.uk/ aadams

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This template is adapted with thanks from the Proceedings of the Winter Simulation Conference template.