

# Instructions to Authors for Preparation of Papers

**B. Ben-Nissan<sup>1\*</sup>, (Author Name in Lower case and in Times New Roman Size 11, Bold )**

1) Department of Physics & Advanced Materials, University of Technology Sydney, Australia (Font Size 10)

Email: [hua.chen@anu.edu.au](mailto:hua.chen@anu.edu.au)

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## Abstract

The purpose of this document is to provide an example of how authors must format their manuscripts, which will be published in the Journal of Australian Ceramic Society.

The abstract should be a self-contained and explicit overview of the paper with a clear statement of the principal conclusions reached. It should be at least 100 words, but must not exceed 150 words in length. It must be single spaced, even justified across the full width of the page and start two 10 point line spaces down from the author affiliation list. The entire paper must be prepared using 10 point Times New Roman font, with the exceptions of the title of the paper which must be Arial Black 14 point in size and any superscripts which must be 12 point. The paper title and all section and sub-section headings, including the summary and keywords headings, must be bold.

Third order headings, table and figure captions, and author affiliations must be *italic*.

**Keywords:** List up to eight words or groups of words in order of priority, separated by commas, which will be used for indexing purposes - please do not use general terms like ceramics or glass.

## INTRODUCTION

*Papers may* be submitted on one of two standard sized pages.

On "A4" (297 x 210 mm) paper, the top and side margins must be 25 mm and the bottom margin 20 mm.

On "11 x 8.5 in" (279 x 216 mm) paper, the top margin must be 15.2 mm (0.6 in), the side margins 27.9 mm (1.1 in) and the bottom margin 10.2 mm (0.4 in). **The header must be 12.5 mm from the top of the page.**

Inside these margins, each page should be completely filled with text except for the first page, where the paper title must start two 14 point line spaces from the header section. All other line spaces must be one 10 point line space, except for before section titles where two line spaces must be inserted.

After refereeing and acceptance, one or more Zip, or CD), containing the "camera ready" word document format paper including the figures and the right two column format must also be submitted with the following information on the label: corresponding author; and word-processor used. Electronic version is also acceptable.

**All papers are fully refereed by an International panel and refereeing also involves external assessment by at least one reviewer who is independent of the journal's editorial board.**

## BODY OF THE PAPER

### Tables and Figures

Tables and figures must be integrated with the text and numbered consecutively in the order in which reference is made to them in the text of the paper. All captions must be *italicised* and centrally located above a table and below a figure. The first table or figure caption would be referred to in the text as Table 1 or Fig. 1 and be presented as follows:

*Table 1: The first table in the paper*

Materials	m-ZrO <sub>2</sub> (%)	Strength (MPa)	Toughness (MPam <sup>1/2</sup> )
3Y-TZP	87	850	6.1
(Y,Nb)-TZP	0	550	6.7

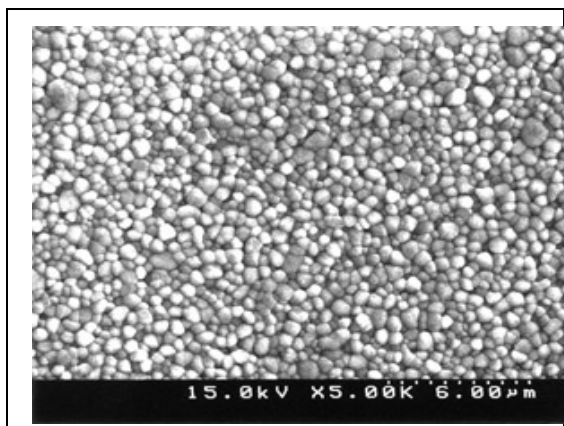


Fig. 1: The first figure in the paper

Papers might be electronically reduced for printing, so all text and details in figures should be large enough to be legible. If required figures can cover two columns for the formatting purpose.

#### Notation, Units and Equations

The extensive use of symbols, abbreviations, acronyms or other special nomenclature should be minimised. Rather than list them at the beginning of the paper, they must be defined when first used. SI units must be used throughout the paper, although equivalents in any other consistent system may be given in parentheses, as shown above.

#### Equations

All forms of equations must be typed, centred and numbered consecutively with as they appear in the text of the paper. The first equation would be referred to in the text as Eqn 1 and be presented as follows:

$$\{E\} = P[g] \{u\} \quad (1)$$

#### Paper Submission

One copy of the original paper is required. An electronic version prior to refereeing is also required. After the review a CD copy and/or email copy in Word document format will be required. Page numbering will be done during editing prior to conversion to a printable format. During 2008-2009, please mail or courier to:

A/Prof. B. Ben-Nissan  
University of Technology, Sydney  
Faculty of Science  
PO BOX 123 BROADWAY, 2007 NSW  
AUSTRALIA

[B.ben-nissan@uts.edu.au](mailto:B.ben-nissan@uts.edu.au)

Phone: +61 2 9514 1784

or Dr. L. Vance

[erv@ansto.gov.au](mailto:erv@ansto.gov.au)

Tel: +61 2 9717 3019

#### Final Sections

The paper should conclude with the following **bold** and **capitalised** section titles:

**INTRODUCTION,  
METHODS AND PROCEDURES,  
RESULTS AND DISCUSSION,  
CONCLUSION,  
ACKNOWLEDGMENTS  
REFERENCES.**

The first reference would be referred to in the text as Ref. 1, or simply be cited where appropriate in square brackets[1].

#### REFERENCES:

1. T. Ekstrom and M. Nygren, "SiAlON Ceramics", J. Am. Ceram. Soc., Vol. [75], 2, (1992), 259-276.
2. S.N. Heavens, "Production of Oxide Ceramics" in *Advanced Ceramic Processing and Technology*, Volume 1, J.G.P. Binner, (Ed.), Noyes Publications, Park Ridge, (1990), 255-287.
3. B.F. Yeter-Dal, V. Gross and T.W. Turney, "Comparison of the Properties of Hydroxyapatite Ceramics Fabricated from Different Sources of Powder", in *Ceramics: Adding the Value*, Volume 1 (Proceedings of the International Ceramic Conference, Austceram 92), Bannister, M.J., (Ed.), CSIRO Publications, Melbourne, (1992), 617-620.
4. M. Wei, "Electrophoresis of Hydroxyapatite on Metal Substrates", Ph.D. Thesis, University of New South Wales, Sydney, (1997).
5. J.B. Park and R.S.Lakes, *Biomaterials: An Introduction*, Plenum Press, New York, (1992), 193-195.