

SPVM instructions for the preparation of a 2-column format paper

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These pages provide you with an example of the layout and style for 100% reproduction which we wish you to adopt during the preparation of your three-page paper. Though it's possible to submit your paper in 'Microsoft Word' format, members of the Proceedings Committee of SPVM will still convert your paper into L^AT_EX format. These instructions are based on `espcrc2.tex` from Elsevier Science Publishers Company.

1. FORMAT AND LAYOUT

Text should be produced on a two-sided US Letter-sized (8.5" × 11.0") paper within the dimensions shown on these pages. The margins are all 1.00", except for the inner side of 1.5", which will be used for binding the pages. The text has two columns separated by an 8 mm middle margin and a total width of 6.00" and a total height of 9.00". The page headers are located 4 mm from the top edge of the page. For those authors who would like to submit their paper in 'Microsoft Word' format, the formatters from SPVM Proceedings Committee will be the one to add the headers.

1.1. Title

Put an 8-mm vertical white spaces before the title starts. See to it that the title, with font-size of 14pt, is flushed/aligned to either left or right side. All words should be bold-faced and capitalize only the first letter of the title.

1.2. Authors and Affiliations

Complete names of authors, including the middle initials, should be listed after a one-line vertical distance from the title. Names should be separated by a comma and there should be an addressmark at every author's name to indicate his/her affiliation. However, if all authors have the same affiliation, then no need to put an addressmark in every author's

*Footnotes should appear on the first page only to indicate your present address (if different from your normal address), e-mail address, research grant, sponsoring agency, etc.

†If all authors have the same affiliation, then no need to put an addressmark in every author's name.

name. Affiliations, separated by a one-line vertical distance, should include the name of the office/department and its corresponding address. No need to place an additional mark to identify the corresponding and/or presenting author.

1.3. Abstract

A short abstract should appear before the discussion of the paper. This includes a short introduction, methodology, results and conclusion (or depending on the nature of the research).

1.4. Spacing

We normally recommend the use of 1.0 (single) line spacing. However, when typing complicated mathematical text, you should increase the space between text lines in order to prevent sub- and superscript fonts overlapping one another and making your printed matter illegible.

1.5. Fonts

These instructions have been produced using a 11 point Computer Modern Roman. Other recommended fonts are 11 point Times New Roman, New Century Schoolbook, Bookman Light and Palatino.

2. TABLES AND ILLUSTRATIONS

Illustrations should be originals or sharp prints. They should be arranged throughout the text and preferably be included *on the same page as they are first discussed*. They should have a self-contained caption and be positioned in flush-left alignment with the text margin

within the column. If they do not fit into one column they may be placed across both columns - but they should appear at the top or bottom of a page).

2.1. Tables

Tables should be presented in the form shown in Table 1. Their layout should be consistent throughout.

Table 1

The summary of page layout for three-page extended abstract.

Dimension	Value
Paper Width	8.0"
Paper Height	11.0"
Text Width	6.0"
Text Height	9.0"
Column Separation	8.0 mm

Horizontal lines should be placed above and below table headings, above the subheadings and at the end of the table above any notes. Vertical lines should be avoided.

If a table is too long to fit onto one page, the table number and headings should be repeated above the continuation of the table. Alternatively, the table can be turned by 90° ('landscape mode') and spread over the whole column.

2.2. Line drawings

Line drawings may consist of laser-printed graphics or professionally drawn figures attached to the manuscript page. All figures should be clearly displayed by leaving at least one line of spacing above and below them. In order to emphasize your figures, we suggest that it should be put inside a framebox, as shown in Figure 1.

Do not use too light or too dark shading in your figures; too dark a shading may become too dense while a very light shading made of tiny points may fade away during reproduction.

2.3. Black and white photographs

Photographs must always be sharp originals (*not screened versions*) and rich in contrast. They will undergo the same reduction as the text and should be pasted on your page in the same way as line drawings.

2.4. Colour photographs

Sharp originals (*not transparencies or slides*) should be submitted close to the size expected

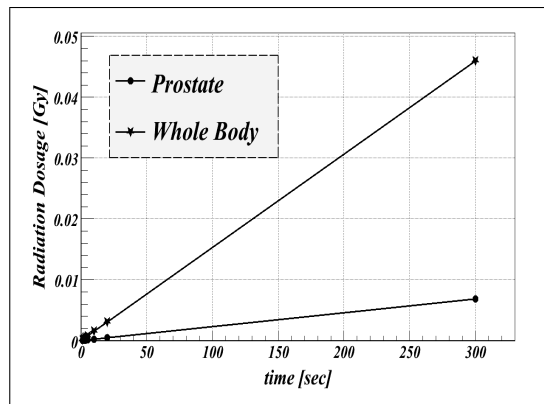


Figure 1. The font size for captions of tables and figures is 9pt.

in publication. Soft copies of the abstracts may contain colour photographs but the printed copies will be in black and white (gray scaled). This conversion of coloured to gray scale must be taken into account to assure the quality of the illustrations.

3. EQUATIONS

Equations should be flush-left with the text margin; Authors should ensure that the equation is preceded and followed by one line of white space.

$$H_{\alpha\beta}(\omega) = E_{\alpha}^{(0)}(\omega)\delta_{\alpha\beta} + \langle\alpha|W_{\pi}|\beta\rangle \quad (1)$$

Authors need to put equation numbers for every equations. The equation numbers should be always consecutive and are printed in parentheses flush with the right-hand margin of the text and level with the last line of the equation.

References

1. S. Jan, et al., "GATE: a simulation toolkit for PET and SPECT", *Phys. Med. Biol.*, **49** (2004) 4543-4561.
2. The OpenGate Collaboration Web Site, <http://opengatecollaboration.healthgrid.org>
3. J.M.V. Maratas and S.A. Nawang, "Radiation dosage study using GATE", *Proceedings of the 10th SPVM National Physics Conference and Workshop*, (2008) 21 - 24.

References should be collected at the end of your paper. Do not begin them on a new page unless this is absolutely necessary. They should be prepared according to the sequential numeric system making sure that all material mentioned is generally available to the reader.

Above we have listed sample references layout/format we wish the authors to adopt^[1,2,3].