



AUTHOR'S INSTRUCTIONS FOR GPR 2002 PROCEEDINGS

Introduction

These guidelines are intended to assist you with preparation of your camera-ready manuscript for the GPR 2002 conference proceedings. A one-page example is attached.

Papers published in the conference proceedings book will be black-and-white. Full-color electronic versions will be included in the CD-version of the proceedings. An electronic version (Adobe® pdf only) of camera-ready manuscripts should be provided with hardcopy.

Manuscripts must be written in English. All figures, tables, and text must be submitted in camera-ready form. No redrafting or retyping will be done. Authors should proofread all text for spelling and grammar. Photo-ready manuscripts will be reviewed to check consistency with the submitted abstracts and reviewer recommendations, and to reject any commercial exploitation.

The length of technical papers must be at least 4 pages and may be up to 6 pages. Authors can submit papers up to 10 pages in length, and these will be published for a fee of \$90 per additional page over 6 pages.

Submission of Manuscript Hardcopy and Electronic copy

Corresponding authors are requested to provide a high quality, black-and-white hardcopy version and a color pdf electronic version of their manuscript. If an electronic version of the manuscript is not received, then a black-and-white pdf file will be derived from the submitted hard copy.

The deadline for hardcopy and electronic copy submissions of camera-ready manuscripts is **January 29, 2002**. All presenting authors must register for the conference with payment of the early registration fee (for the presenting author) and any additional page charges. Manuscripts received after this date, or received without author registration (either on-line or completed registration form) and payment will not be included in the Conference Proceedings and Program.

Registration can easily be done on-line (preferred option) with a credit card payment at <http://www.unex.ucsb.edu/se/pr/> by clicking on "Secure On-line Enrollment Form", or by downloading a pdf Registration Form for payment by check or money order (note: mailing address on Registration form). Please include the Paper ID number on the Registration Form (i.e., SB02-xxx)

Manuscript hardcopies (original plus 1 copy) can be mailed or Express delivery to:
(For Express delivery requiring a phone number, use 805-893-4480)

GPR 2002 Conference – Hua Lee
Department of Electrical & Computer Engineering
University of California, Santa Barbara
Santa Barbara, California 93106 USA

Electronic manuscript copies (.pdf format) can be submitted by:

Email: gpr2002@nv.doe.gov (only if under 4MB)
FTP: ftp.nv.doe.gov/gpr2002 (login as 'anonymous')
Disk: 3.5" floppy disk (PC readable) included with the manuscript hardcopy
CD-Rom: Write-able CDs only, (PC readable) included with the manuscript hardcopy

NOTE: Please use the filename "PaperID.pdf" for the electronic file. FTP transfers should be confirmed by sending an email to gpr2002@nv.doe.gov and noting the PaperID.pdf filename in the subject.

Manuscript Paper

Please submit your manuscript hardcopy on good-quality white paper. U.S. standard 8.5 x 11 in. paper or A4 paper must be used. For U.S. standard size paper (8.5 x 11 inches), set margins to 0.75 in. (18 mm) left and right, and 1 in. (24 mm) top and bottom. For A4 paper, set margins to 17 mm left and right, 25 mm top and 45 mm bottom. All text and illustrations must appear within a 7 x 9 inch (178 x 229 mm) area. Use a laser printer with resolution of at least 300 dots per inch (dpi) or a letter-quality printer.

The length of each technical paper must be 4-10 pages, including all figures, tables and references (page charges apply for additional pages over 6). Short summaries, abstracts, or viewgraphs are not acceptable. Do not type page numbers on manuscript; rather, hand print them on the back of each page with non-reproducible pencil.

All papers presented at GPR 2002 must have some scientific contribution. Those that include only description or specification of hardware or software or those that are advertising commercial systems may be rejected, even if the abstract was accepted. There is no scope for revising photo-ready manuscripts after the **January 29, 2002** deadline.

Font Sizes

The main text must be 10-point Times Roman or equivalent typeface. Use boldface or italic for emphasis only. The proper font sizes to be used in various situations are as follows:

Article title:	12 pt, bold, centered, capitalized
Author names, affiliations:	12 pt, centered
Section heading:	10 pt, bold, left margin, capitalized
Subsection heading:	10 pt, bold, left margin, mixed upper and lower case
Normal text:	10 pt
Figure and Table captions:	10 pt, centered
Footnote text:	9 pt

Title, Authors and Affiliations

The paper title should be centered in a single column at the top of the paper. Trade marks and company names must not be included in the title. They may appear in the text only if their identification is significantly important for scientific reasons.

Author name/s with affiliations and complete mailing addresses and email addresses should be centered in a single column. Do not include telephone, fax numbers, or job titles. One blank line should separate the author information from the title.

Abstract and Keywords

An abstract of 200 words or less should be placed before the main text. Leave two blank lines between the end of author information and the abstract section heading. A list of up to 10 keywords of your choice should be inserted between the abstract and text proper. Leave one blank link between abstract and keywords.

Main Text

Single-space all text in the document in two columns. The space between columns should be 0.2 inches or 0.5 cm. All text is to be fully justified (both right and left). Leave a blank line between paragraphs, two lines between sections and sub-sections, and one line after each section and sub-section title.

Figures and Tables

Figures and tables may be placed after the first reference to them in the text, or alternatively at the end of the paper. Figures should be numbered with Arabic numbers and the caption directly under the figure. There should be two blank lines between the preceding text and the figure, and two blank lines between the figure caption and the text that follows.

Tables should be numbered (also in Arabic) and the caption should appear above the table. Two blank lines should be between the preceding text and table caption and between the bottom of the table and the subsequent text. Figures and tables may be up to two columns wide, as long as they stay within the 7 x 9 in. (178 x 229 mm) page area.

Authors are strongly encouraged to use computer-generated figures and tables for the manuscript preparation. If this is not possible, then original artwork or high-quality photographs and photocopies may be placed into position using rubber cement, pressure-sensitive wax or white graphics tape. Do not use clear tape over the image area.

References

A list of references should be in alphabetical order by the first author's surname. Each reference should use hanging indents and be separated by a single blank line. Italicize titles of books and journals.

Brown, A.B., 1994a. Journal Paper Title, *Journal of Ground Penetrating Radar*, Vol. 15, No. 3, pp. 10-15.

Brown, A.B., 1994b. Journal Paper Title, *Journal of Ground Penetrating Radar*, Vol. 16, No. 2, pp. 54-60.

Jones, F.T., Moore, E.A. and Meadows, A.G., 2002. Conference Paper Title. *Proceedings on Ground Penetrating Radar Conference*, Santa Barbara, California, USA, April 28-May 2, 2002, p. 123.

Smith, D.D., Cooper, F.L., Yardley, D.A. and Hipp, P.R. (1994). Title of Technical Report, GPR Technical Report 123456, University of California, Santa Barbara, p. 44.

Citations in the text to references should either mention authors in the actual text with the year of publication in parentheses [i.e., "Smith et al., (1994) developed the system ..."] or with authors and year in parenthesis [i.e., "It has been shown (Brown, 1994a; Brown, 1994b; Jones, Moore and Meadows, 2002) that"]

ONE-PAGE EXAMPLE OF MANUSCRIPT FOR GPR 2002 CONFERENCE PROCEEDINGS

A. Author, B. Author

Affiliation

Postal address, City, State, Post/Zip Code, Country

a.author@gpr2002.conference.com b.author@gpr2002.conference.com

C. Author

Different Affiliation

Different Postal Address, City, State, Post/Zip Code, Country

c.author@different.address.net

ABSTRACT

An abstract of 200 words or less should be placed before the main text. Leave two blank lines between the end of the author information and the abstract section heading.

Key words: Title, Authors, Affiliations, Abstract, Headings

SECTION HEADING

Section titles should be capitalized, bold and against the left margin. One line space separates the section title and the section text.

One line space separates paragraphs.

Two line spaces separate the section text and the next section or subsection title.

Sub-Section Heading

Second order headings should be mixed upper and lower case, bold and against the left margin.

$$\alpha = \beta * \delta + \epsilon \quad (1)$$

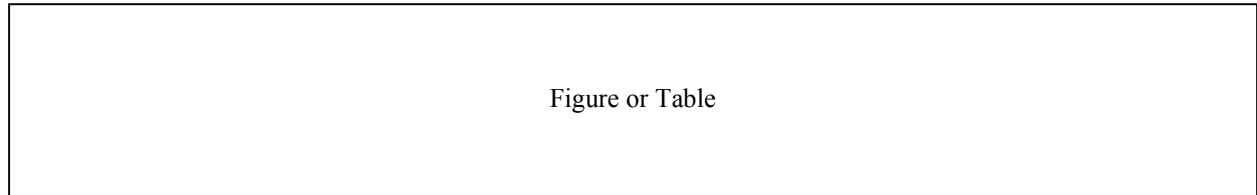


Figure or Table

Figure 1: Figures and tables can be across one column or two columns if necessary.

Citations in the text to references should either mention authors in the actual text with the year of publication in parentheses [e.g., "Smith et al., (1994) developed the system . . ."] or with authors and year in parenthesis [e.g., "It has been shown (Brown, 1994a; Brown, 1994b; Jones, Moore, and Meadows, 2002) that . . ."]

REFERENCES

Brown, A.B., 1994a. Journal Paper Title, *Journal of Ground Penetrating Radar*, Vol. 15, No. 3, pp. 10-15.

Brown, A.B., 1995b. Second Journal Paper Title, *Journal of Ground Penetrating Radar*, Vol. 16, No. 2, pp. 54-60.

Jones, F.T., Moore, E.A. and Meadows, A.G., 2002. Conference Paper Title, *Proceedings on Ground Penetrating Radar Conference*, Santa Barbara, California, USA, April 28-May 2, 2002, p. 123.

Smith, D.D., Cooper, F.L., Yardley, D.A. and Hipp, P.R., (1994). Title of Technical Report, GPR Technical Report 123456, University of California, Santa Barbara, p. 44.

Left and Right Margins - 0.75 in. (18 mm) for U.S. standard paper; 17 mm for A4 paper

Left and Right Margins - 0.75 in. (18 mm) for U.S. standard paper; 17 mm for A4 paper