

INSERT PAPER TITLE HERE (TIMES NEW ROMAN 14 CAPITALIZED)

Author's and Co-Author's Name(s)

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(If you have multiple authors from the same affiliation, list authors' names on the same line, followed by the company or affiliation, city and state. Do NOT include email addresses here. If co-authors are from different affiliations, all co-authors should be listed on the same line. Co-author affiliations are delineated using a superscript numeral after each author. The same superscript numeral from the author's line is cited as a superscript numeral before the co-author's respective affiliation.

Do This First! [Heading 1]

Before you do anything else, please print a copy of this file! It contains instructions for producing your paper for *AVFOP 2006*. This file is also a template for creating your paper; you can delete or type over these instructions to help you get started. Finally, the printed version of these instructions will serve as a visual reference of how your finished paper should look.

Next, save this file on your hard drive, but with a different name. Use the "File – Save As" command and give it a different name. Now you're ready to read the rest of the instructions and start your paper.

Using Styles [Heading 1]

The elements that you will need for your paper have been formatted for you through the use of the "styles" capability of the software. Styles are selected from the box on the far left of the toolbar. Note: if you position your cursor anywhere in this paragraph, the "styles" box will say "Body Text"; we've also noted different styles in brackets following some of the elements on this page of instructions (Title, Author, Heading 1, Heading 2, etc.).

To use styles, you can either select the style you wish to apply and start typing, or select the text to which you wish to apply a style; then, using the mouse, point to the style box on the toolbar. Click once on the down arrow on the right, and select the appropriate style.

AVFOP 2006 Styles [Heading 2]

Please use the following styles in your paper:

- Title (Title of Paper)
- Author (Author Name and Information/Conference Name and Date)
- Heading 1 (First-level Section Headings)
- Heading 2 (Subsection Headings)
- Heading 3 (Sub-Subsection Headings)
- Body Text or Normal Text (Normal Paragraph Text)
- List Bullet (Bulleted List Items)
- Caption (For Figure and Table Captions)
- Table Text (For Table Entries)
- References (For list of references at the end of the paper)
- Hyperlinks (For hyperlinks and email addresses)
- (Note 1: Do not use Heading styles 4, 5, or 6 in your paper. Note 2: Capitalize the first letter of each word in all Headings, Tables, and Figures. For example, Format/Change Case/Title Case.)

Why Bother? [Heading 2]

Styles are easy to use. They do all of the formatting work for you, and they help maintain a consistent look across all of the papers in the Proceedings.

Title

The title should be Times New Roman Size 14 Font and Bolded.

Author's name(s) and Affiliation(s)

The authors' names and affiliations should be Time New Roman font size 12 italicized. All of the authors should be listed on the same line. If co-authors have different affiliations, then the affiliations should be denoted with a superscript number after the author's name, and the superscript number should be cited in front of the author's respective affiliation.

Introduction

The first heading of your paper should be the Introduction using the Heading 1 style. The Introduction should briefly introduce the topic you are discussing in your paper, and how the topic applies to avionics fiber optics and photonics technology.

References

References, if any, should be included as the first heading after the body of your paper using the Heading 1 style. Number references consecutively throughout your document. If you cite a reference more than once, use the same reference number each time. Enclose the number in brackets and inside the closing punctuation. For example: The results of the testing promoted closure of the investigation [1].

Include the reference information in the following order:

- Author or editor, last name first (Do not put last name first for subsequent authors in a multi-author publication.)
- Publication date
- Title
- Edition, document, or volume number, if applicable
- Place of publication
- Publisher
- Pages or chapters
- Internet links, if applicable.

Also, use the Reference style as shown:

[1] Jones, Mary, John Smith, 2002, Good Writing, Washington, DC, Printing Company, pp. 22-44.

Other Things You Need To Know About Formatting Your Paper

This section outlines other formatting actions required for *AVFOP 2006* publications.

Length

Papers should be 2 pages in length. Papers should not be greater than 2 papers in lengths. Papers should not be less than 2 pages in length.

Margins

All margins must be 1.0 in.

Columns

One or two column papers are allowed. For two column papers the papers should be equal widths of 3.2" with a spacing of 0.5'.

Font

The font selected for this publication is Times New Roman. Body Text is 11 point.

Tables

Always use a table editor or tabs to create tables. Do NOT use spaces to align columns in your tables, and do NOT use the "columns" feature to create tables. Center the table in the column. Use the "Caption" style to identify each table with a bold sequential numeric reference, centered at the top of your table as shown below (see Table 1). The paper text should give a specific reference to the appropriate Table.

Table 1. Sample Table and Table Caption

Sample Description	X	Y	Z
Sample Test 1	1	2	3
Sample Test 2	6	2	2
Totals	7	4	5

Graphics

Please include graphics with 'Inline with text' wrapping. Use the "Caption" style to include a centered caption for the graphic no longer than 40 characters, and place it at the bottom of the graphic, as indicated below with a specific reference to the

figure (Figure 1). To ensure the best quality printing of the graphic, adjust the contrast and brightness (select graphic, then select Format Picture/Picture).



Figure 1. Example of a Figure and Caption

Be sure to include/embed Figures and Captions in the body of your paper. If the graphic is too large to fit in a single column:

- Insert a Continuous Section Break (Insert/Break/Section Breaks/Continuous)
- Format for single column (Format/Columns/One/OK)
- Insert the graphic and figure caption
- Insert another Continuous Section Break (Insert/Break/Section Breaks/Continuous)
- Format for two columns (Format/Columns/Two/OK)

See example of two column figure below in Figure 2:

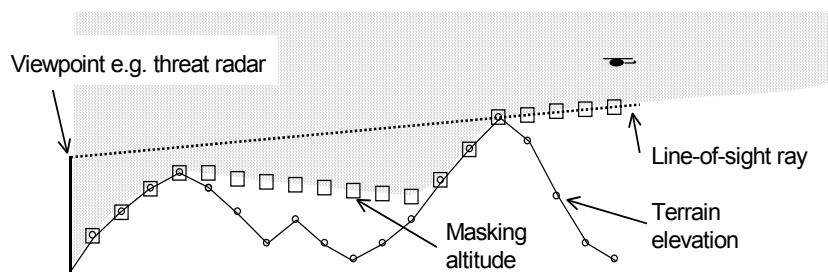


Figure 2. Umbra Intervisibility Ray

The AVFOP 2006 Conference Digest will be produced as a CD-ROM, so the use of color graphics is permissible. However, keep in mind that some B&W reproduction of the papers will occur. Print a hard copy of your paper in black and white to ensure that graphics are legible.

Hyperlinks and Email Addresses

To ensure that the CD-ROM version of your paper contains currently active links and email addresses, check them prior to submitting your paper. Use the Insert/Hyperlink function and the [hyperlink](#) style to insert a hyperlink (e.g., www.i-leos.org) or an email address.

Disclaimer

If a disclaimer is necessary, include it under the heading Disclaimer using the Heading 1 style.

Use the Body Text/Normal Text style and include the disclaimer immediately after the references.

Email Addresses

If email addresses for the authors is desired, include them under the heading Email Addresses using the Heading 1 style. Use the [Hyperlink](#) style and include the email addresses immediately after the disclaimer.

Submitting Your Final Paper for Review and Approval

As soon as you have completed the final version of your paper, submit it electronically to: www.i-leos.org following the instructions on the AVFOP 2006 website. Only pdf files will be accepted. Information will be provided at the website on how to access a free conversion tool offered by the IEEE (IEEE PDF eXpress™).

The paper must be submitted no later than **May 23, 2006** to ensure adequate time for review and publication.

AVFOP 2006 papers should concisely give the reader a clear understanding of the key results of the author's work. The key results should be written in sufficient detail to ensure the information that is archived in the *AVFOP 2006* proceedings can be referenced in future publications. Papers that do not contain sufficient detail and/or do not adhere to the manuscript preparation guidelines will be rejected by the Technical Program Committee.

Additional Documentation Requirements

See www.i-leos.org website for any additional documentation requirements.

Get Started!

You've made it through all the instructions, and you're ready to write your paper. So, what's next?

There are several ways to get started, depending on your familiarity with Microsoft® Word.

For AVFOP 2006 Authors

Use these instructions as a baseline for your paper, which allows you to "write over" the current text.

- First, save this file under a new name, as *williams.doc* (File, Save As, "new name").
- Delete the first line of the existing title.
- Use your mouse to highlight the second line of the title, then type the title of your paper in its place.
- Do the same for the "author" lines (note, hitting "return" at the end of an author line will automatically open up another author line).
- Delete the third line that contains information about multiple authors from the same company.
- Replace the first "Section" title with Introduction.
- Continue replacing parts until you are comfortable with how things work, then start adding your own elements by using the "Styles" box on the left side of the Formatting Toolbar.