

# Preparing a Two-page Summary for UP-2024 Conference [Title Should Be in Bold, 18-Point Type and Centered, Use Title Case]

**Author name(s) [10-point type, centered, bolded]**  
*Author affiliation and full address (8-point type, centered, italicized)*  
*Author e-mail address: (8-point type, centered, italicized)*

**Abstract:** Indent left and right margins 0.5 in. (1.27 cm), justify the paragraph (on both right and left), and use the same font as in the body of the paper. Your abstract should be an explicit summary of the paper that states the problem, the methods used, and the major results and conclusions.

## 1. Main Text

### 1.1. Required Elements

All PDF submissions must contain the following items in order to be published:

1. Complete title
2. Complete listing of all authors and their affiliations
3. Self-contained abstract
4. Checked box to give permission to publish the submission on electronic media and in hardcopy if it is accepted for presentation
5. Permission and attribution for any trademarked or copyright images. Note that images of people or images owned or trademarked by other entities (including well-known logos or cartoon characters for example) will also require official written permission.
6. Two-page limit unless designated otherwise on conference website

### 1.2. Typographical Style

The appearance of this document reflects the requirements of the style guide. Since there is no typesetting or copy-editing of summaries, the use of this style guide is critical to provide a consistent appearance.

Although this document is provided in Microsoft Word format, the paper to be uploaded must be in **PDF format**. Paper size should be A4 format (210 mm x 297 mm). Margins should be set for a 2.54 cm top, bottom, left, and right. For text fonts: use only 10pt Times (roman, bold or italic), and Symbol. Sans Serif Fonts such as Arial can be used in Figures. Include all equations, drawings, figures, and references within the two-page limit. Avoid asterisks, acknowledgements, job descriptions or footnotes.

The first line of the first paragraph of a section or subsection should start flush left. The first line of subsequent paragraphs within the section or subsection should be indented.

### 1.3. Author Names and Affiliations

Author names should be given in full with first initials spelled out to assist with indexing. Affiliations should follow the format division, organization, and address—and complete postal information should be given. Abbreviations should not be used. United States addresses should end with “, USA.”

### 1.4. Abstract

The abstract should be limited to no more than 35 words. It should be an explicit summary of the paper that states the problem, the methods used, and the major results and conclusions. If another publication author is referenced in the abstract, abbreviated information (e.g., journal, volume number, first page, year) must be given in the abstract itself, without a reference number. (The item referenced in the abstract should be the first cited reference in the body.)

## 1.5. Notation

### 1.5.1. General Notation

Notation must be legible, clear, compact, and consistent with standard usage. In general, acronyms should be defined at first use.

### 1.5.2. Math Notation

Equations should be centered, and equation numbers should only appear to the right of the last line of the equation, in parentheses. For long equations, the equation number may appear on the next line. For example:

$$H = \frac{1}{2m}(p_x^2 + p_y^2) + \frac{1}{2}M\Omega^2(x^2 + y^2) + \omega(xp_y - yp_x). \quad (1)$$

In-line math of simple fractions should use parentheses when necessary to avoid ambiguity—for example, to distinguish between  $1/(n-1)$  and  $1/n-1$ . Exceptions to this are the proper fractions, such as  $\frac{1}{2}$ , which are better left in this form. Summations and integrals that appear within text such as  $\frac{1}{2} \sum_{n=1}^{n=\infty} (n^2 - 2n)^{-1}$  should have limits placed to the right of the symbol to reduce white space.

## 2. Tables and Figures

Figures and illustrations should be incorporated directly into the manuscript, and the size of a figure should be commensurate with the amount and value of the information conveyed by the figure. Figures and tables should be centered (except for small figures less than 2.6 in. or 6.6 cm in width, which may be placed side by side) and located inside paper margins. Text should not wrap around figures or tables; table captions (10-point font) should be centered above tables, and figure captions (8-point font) should be centered below figures (for example, “Fig. 1. Laser”). Both should appear as close as possible to where they are mentioned in the main text.

Fig. 1. Sample figure with preferred style for labeling parts.

Table 1. Sample Table

One	Two	Thre
A	B	C
x	y	z

No more than three figures should generally be included in the paper. No part of a figure should extend beyond text width, and text should not wrap around figures. Please provide permission and attribution for any trademarked or copyright images.

## 3. References

References should appear at the end of the paper in the order in which they are referenced in the body of the paper. The font should be 8 point, and the references should be aligned left.

Within the main text, references should be designated by a number in brackets [1], and they should be followed by a comma or period [2]. Two references cited at once should be included together [3,4], separated by a comma, while three or more consecutive references should be indicated by the bounding numbers and a dash [1–4]. Comprehensive journal abbreviations are available on the Crossref web site: <http://www.crossref.org/titleList/>.

[1] C. van Trigt, “Visual system-response functions and estimating reflectance,” *JOSA A* **14**, 741-755 (1997).

[2] David F. Edwards, “Silicon (Si)” in *Handbook of optical constants of solids*, E.D. Palik, ed. (Academic, Orlando, Fla. 1985).

[3] F. Ladouceur and J. D. Love, *Silica-based buried channel waveguides and devices* (Chapman & Hall, 1995), Chap. 8.

[4] Author(s), "Title of paper," in Title of Proceeding, (Institute of Electrical and Electronics Engineers, New York, 1900), pp. 00-00.

[5] Author(s), "Title of paper," in Title of Proceedings, Name(s), ed(s)., Vol. XX of OSA Proceedings Series (Optical Society of America, Washington, D.C., 1900), pp. 00-00.