Preparing an article for OSA’s *Advances in Optics and Photonics*

Author One,1 Author Two,1 Author Three2,\*

1Publications Department, OSA—The Optical Society, 2010 Massachusetts Avenue N.W., Washington, D.C. 20036

2College of Physics, Jilin University, Changchun 130012, China

\*Corresponding author: author\_three@uni-jena.de

Received Month Day, Year; revised Month Day, Year; accepted Month Day, Year; published Month Day Year (Doc. ID xxxxx)

This template may be used to prepare an article for OSA’s *Advances in Optics and Photonics* (AOP). The template also models some unique features of the journal. For general manuscript preparation instructions, see the [OSA Author Style Guide](http://www.opticsinfobase.org/submit/style/jrnls_style.cfm). © 2015 Optical Society of America

OCIS codes: (130.6010) sensors; (230.3990) Micro-optical devices; (230.5750) Resonators; (240.6690) Surface waves; (280.0280) Remote sensing and sensors.

http://dx.doi.org/10.1364/AOP.0.000000

1. TOC and Headings

An article table of contents will be created from the section heads in production, with hyperlinks to each section head. The levels of heads are

1. SECTION

1.1 Subsection 1

1.1a Subsection 2

2. Formatting

**Using the Word styles.** In this template, styles such as “01 Title” for the manuscript appear in the MS Word Styles ribbon (or toolbar for older versions of Word). The names of these styles will begin with “AOP”; for example, the title style is “AOP Title.” Apply the appropriate style before typing or apply the style to existing text. It is possible to paste manuscript text into this template or attach this template to an existing manuscript.

 **Margins.** The margins for a published AOP paper are 1” (top), 0.75” (bottom), and 1.75” (left and right).

**Equations.** For MathType math, use the Format Equations feature to format all equations as Times + Symbol 10. Apply the Equations style to create appropriate spacing above and below.

** (1)**

**Tables.** Styles for table title, table head, and table text are provided in the MS Word Styles ribbon. Tables should be set as one column wide if possible and be placed near their first mention in the body.

**Figures.** If possible, set the figures in the desired position within the text.



Fig. 1. Caption text with descriptions of (a), (b), and (c).

**Supplementary material.** Consult the [Author Guidelines for Supplementary Materials in OSA Journals](https://www.osapublishing.org/submit/style/multimedia.cfm) for details on accepted types of materials and instructions on how to cite them.

All materials must be associated with a figure, table, or equation *or* be referenced in the results section of the manuscript.

(1) 2D and 3D image files and video must be labeled “Visualization,” not “Movie,” “Video,” “Figure,” etc.

(2) Machine-readable data (for example, csv files) must be labeled “Data File.” Number data files and visualizations consecutively, e.g., “Visualization 1, Visualization 2….”

(3) Large datasets or code files must be placed in an open, archival database. Such items should be mentioned in the text as either “Dataset” or “Code,” as appropriate, and also be cited in the references list. For example, “see Dataset 1 (Ref. [1]) and Code 1 (Ref [2]).” Here are examples of the references:

**Sample dataset citation**

T. Ireno and R. Tadaa, "Chemical and mineral compositions of sediments from ODP Site 127-797" (Geological Institute, University of Tokyo, 2009), [**http://dx.doi.org/10.1594/PANGAEA.726855**](http://dx.doi.org/10.1594/PANGAEA.726855).

**Sample code citation**

Zima Engineering, ZIMA-CAD-Parts: Application for management of CAD files and projects (version 0.5.0-beta1) [software] (2013), [**http://sourceforge.net/projects/zima-cad-parts/**](http://sourceforge.net/projects/zima-cad-parts/).

**Funding sources and acknowledgments.** Formal funding sources should be listed in a separate paragraph block before any other acknowledgment information. Funding sources and any associated grant numbers should match the information entered into the Prism manuscript system. Funders should be listed without any introductory language or use of labels (do not use labels such as “grant no.”). Here is an example:

**Funding.** National Science Foundation (NSF) (1263236, 0968895, 1102301); The 863 Program (2013AA014402)

**Acknowledgment**. We thank the Optics Laboratory for the use of their equipment.

**REFERENCES**

1. M. R. E. Lamont, Y. Okawachi, and A. L. Gaeta, “[Route to stabilized ultrabroadband microresonator-based frequency combs](http://www.osapublishing.org/ol/abstract.cfm?uri=ol-38-18-3478&origin=search),” Opt. Lett. **38,** 3478-3481 (2013).
2. A. Cordero-Davila, J. R. Kantun-Montiel, and J. Gonzalez-Garcia, “[Appling Ronchi test to evaluate local and global surface errors without both approximations and integration](https://www.osapublishing.org/abstract.cfm?uri=aio-2012-JTu5A.13&origin=search),” in *Imaging and Applied Optics Technical Digest 2012* (Optical Society of America, 2012), p. 13.

3. Highlighting Key Terms and Summary Ideas

Tutorial articles in particular can benefit from highlighting of key terms and ideas.

* Key terms can simply be highlighted in bold text, e.g., **optical coherence tomography**.
* Key or summary ideas can be placed inside a framed MS Word text box, as in the example below.

[Type a quote from the document or the summary of an interesting point. You can position the text box anywhere in the document. Use the Text Box Tools tab to change the formatting of the text box.]