

# Instructions for Paper Preparation and Submission for the 2021 Nonlinear Science Workshop

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**Abstract**—This document provides the guidelines for preparing papers for The 2021 Nonlinear Science Workshop (NLSW2021). Please read carefully and follow the guidelines as closely as possible in order to produce high-quality abstract collections with common formatting for all papers.

## 1. Introduction

Authors are kindly invited to submit one page extended summary describing original works in all aspects of nonlinear theory and its applications to Nonlinear Science Workshop. Please prepare your paper according to the guidelines given below and submit via Submission Page not later than **September 6, 2021**. **Only electronic submission of papers in PDF format is accepted**. After review, if each corresponding author wishes to replace the one-page extended summary in the workshop abstract collection, please submit the final version in PDF format via the submission page by **October 18, 2021**.

This workshop is a joint project with Nonlinear Theory and Its Applications, IEICE (NOLTA Journal). The authors who are qualified to present their papers at the Workshop are eligible to submit 6-page manuscript to the GOLD Open Access NOLTA International Journal with reduced publication fee. The submitted paper will go through the “Fast Track Review,” which is special for this joint project. Visit <https://www.ieice.org/publications/nolta/index.html> for more information.

## 2. Preparation of Papers

### 2.1. Paper Format

Please prepare your paper in **A4** format (210mm by 297mm). Set the top margin to 30mm with the exception of the first page that begins 35mm from the top edge. Set the bottom margin to 30mm and the left and right margin to 20mm. Text, figures, tables and references must be contained in a 170mm by 237mm area. The text must be in a two-column format with 5mm column separation. The paper should not exceed **one page** in length. Please do not put page numbers on your paper.

### 2.2. Typesetting

Text should be written with a font size of 10pt unless otherwise specified. Times New Roman font is recommended for consistency and readability both on screen and in print. **Please do not use Asian fonts** as this will make your manuscript unreadable for reviewers.

### 2.3. Title, Authors and Affiliations

The title of the paper appears on the first page, centered over both columns and is set in 14pt bold letters. The author names appear below the title in 12pt. The affiliations should be given below the author names in 10pt and contain full mailing address and email address.

### 2.4. Abstract

The paper should start with an abstract giving a short overview on the discussed matter and the presented results.

### 2.5. Section Headings

#### 2.5.1. Typesetting

Section and subsection headings should appear in 10pt bold face, while subsubsection headings in 10pt italic face. The first letter of each major word must be capitalized.

#### 2.5.2. Alignment

All the headings should be aligned left.

#### 2.5.3. Numbering

Section, subsection and subsubsection headings should be numbered with Arabic numerals.

### 2.6. Equations

Equations are centered and numbered consecutively with Arabic numerals in parentheses as follows:

$$f(x) = \frac{ax + b}{x^2 + \alpha x + \beta} \quad (1)$$

## 2.7. References

A list of references should appear at the end of the paper. Number all references consecutively with Arabic numerals in square brackets. When referring to them in the text, type the corresponding reference number in square brackets as [1].

## 2.8. L<sup>A</sup>T<sub>E</sub>X Style File and MS Word Template

For the convenience of L<sup>A</sup>T<sub>E</sub>X users, we provide a L<sup>A</sup>T<sub>E</sub>X style file (`n1sw2021.sty`) that automatically formats the manuscript in accordance with the workshop requirements. A L<sup>A</sup>T<sub>E</sub>X sample source file (`n1sw2021.tex`) will show how to use the style file. We also provide a Microsoft Word template (`n1sw2021.doc`) and a sample paper in PDF format (`n1sw2021.pdf`). All of these files are available at NLSW2021 web site:

<http://n1sw2021.org>

## 3. Creating PDF files

### 3.1. Software

As mentioned above, only electronic submission of papers in PDF format is accepted. There are several methods for creating PDF files: Adobe Distiller, PDFWriter, ps2pdf, dvipdfm, pdflatex, and so on. Generally Adobe Distiller provides higher quality output than others, and is therefore preferred.

### 3.2. Embedding Fonts

**All fonts must be embedded** into the PDF file of your paper including the following standard 14 fonts:

- Courier
- Courier, Italic
- Courier, Bold
- Courier, Bold Italic
- Arial MT
- Arial MT, Italic
- Arial MT, Bold
- Arial MT, Bold Italic
- Times New Roman PS MT
- Times New Roman PS MT, Italic
- Times New Roman PS MT, Bold
- Times New Roman PS MT, Bold Italic
- Symbol

- ZapfDingbats

that come with Acrobat Reader, so that the file can be viewed correctly on any computer. The method of embedding fonts is different on various systems and PDF creation mechanisms; for example, in Adobe Distiller, choose Job Options and check Embed All Fonts. For authors using other software, please refer to your own help sources.

Before submission, **please make sure that all fonts are embedded into the PDF file you have created.** To view the font information for a PDF, open the file in an Acrobat Reader, go to the File menu, select Document Info, and then Fonts. The Font Info dialog box displays font information. If Used Font column is set to Embedded or Embedded Subset, it means that the font is correctly embedded.

### 3.3. File Protection

**Please do neither password protect nor encrypt your PDF file** so that we can insert headings and page numbers.

## 4. Submission of Papers

### 4.1. How to Submit

To submit your electronic manuscript, please visit the Submission page and follow the given instructions.

### 4.2. File Size

**File size is strictly limited to 3 MB.** Any file with the size bigger than 3 MB will be automatically rejected by the NLSW2021 online submission system.

## Acknowledgments

The authors would like to thank NLSW2021 organizing committee members for their fruitful suggestions and comments.

## References

- [1] E. N. Lorenz, "Deterministic non-periodic flow," *J. Atmos. Sci.*, vol.20, pp.130–141, 1963.