Template for Manuscript Submission in New Trends in Physics

**Word 2016**

This template serves as a manual to assist in preparing manuscripts for submission. The purpose of this template is to facilitate authors by allowing the entire manuscript (text, tables, and graphics) to be submitted in one file. A potential advantage for the reviewer is the ability to insert graphics and tables close to the corresponding discussion points in the manuscript.

When utilizing this template to submit a manuscript, the page formatting seen in the printed journal will not be visible to you. The final formatting takes place during the editorial production process.

**Using the template**

There are many different components of a manuscript (i.e., title, abstract, main text, figure captions, etc.) that are represented in the template.

1. If typing your manuscript directly into the template, select (highlight) the text of the template that you want to replace and begin typing your manuscript (i.e., select the Title section for typing in your title).
2. If you have already prepared your document in a Word file, you will need to attach the template to your working document in order to apply the Word Style tags.
3. Go to the Word Style list on the formatting toolbar and you will see all the Word Styles from the template that has now been imported into the current document. A Styles toolbar has been generated that will display the different Styles for you to choose from.
4. Click in the sentence or paragraph and then go to **Home, Styles, Dropdown, Apply Style** and type the name of style you want to apply. This will apply the Word Style to the entire text (sentence or paragraph). Do this for all sections of the manuscript.
5. When incorporating graphics into your document, whether in the form of text-integrated images, figures, charts, schemes, or tables, initiate a new line and place the graphic in the desired location. Confirm the visibility of your graphic by ensuring that the Word Style is set to "Normal" with an automatic height adjustment. If adjustments to the artwork's size are necessary, modify it using your graphics program and then re-insert it into the template (keeping single-column artwork within a maximum width of 3.3 in. or 8.5 cm and double-column artwork within a maximum width of 7 in. or 17.8 cm). **IMPORTANT**: For Table of Contents graphics, kindly include them at the end of the file.
6. Ensure that page numbers are present on all pages before submitting your manuscript.
7. Delete these instructions and any sections that are not needed.
8. Save the file with the graphics in place: select **Save As** (**File** menu) and save it as a document file (not a .dot template file).
9. Proof the manuscript to ensure that all parts of the manuscript are present and clearly legible.

(Use Style: NTP\_Title) TITLE ("Sentence Case"). Ensure the paper's title precisely mirrors the focus and substance of the content with accuracy, clarity, and conciseness. Keep the title brief and grammatically correct. Reserve the space above the title for the Journal logo; don’t remove this space.

(Use Style: NTP\_Author\_Name) List the contributors to the work, incorporating all those who have made significant contributions, even if the manuscript was crafted by a sole individual. Utilize full names with first names, initials, and surnames (e.g., John R. Smith) or first initials, second names, and surnames (e.g., J. Robert Smith). Avoid using only initials with surnames (e.g., J. R. Smith) to prevent complications in indexing, retrieval, and unique author identification. Omit professional titles, official designations, or academic degrees. Remember to designate one author with a sign (\*) for correspondence purposes.

AUTHOR ADDRESS. (Use Style: NTP\_Author\_Address) The institution where the research was carried out should be stated as the affiliation. In cases where an author's current address is not the same as the location where the research was conducted, use a symbol and provide the Current Address in the Author Information section. If there are multiple addresses, employ symbols to link author names with respective address(es).

KEYWORDS. (Use Style: NTP \_Keywords) Provide significant keywords to aid the reader in literature retrieval.

ABSTRACT: (Use Style: NTP\_Abstract) -Include an abstract along with the manuscript, offering a concise overview. In this summary, briefly outline the research problem or objective, specify the theoretical or experimental approach employed, encapsulate the key discoveries, and highlight the primary conclusions. Ensure that the abstract is confined to a single paragraph.

TEXT: (Use Style: NTP\_Main\_Text) Please avoid altering the font in this or any other segment, as such modifications will not provide an accurate assessment of the formatting for publication and the eventual length of the paper.

FIGURES: (Use Style: NTP\_Figure\_Caption) Every illustration requires a caption containing both the figure number and a concise description, typically one or two sentences in length. Adhere to the format "Figure 1. Figure caption" for the captions, and ensure that all figures are referenced in the text sequentially, identified by Arabic numerals. The caption should be comprehensible even without consulting the text. If feasible, include symbol keys within the artwork rather than the caption. Before adding the figure caption, ensure that the figure is appropriately sized, and for double-column figures, consult the guidelines provided at the template's conclusion. Maintain the designated space both before and after the caption, preserving room for rules, spacing above and below the rules, and margins around the figure during editing.

CHARTS: (Use Style: NTP\_Chart\_Title) Structures lacking action are referred to as charts. These charts can include brief titles following the format "Chart 1. Chart Title. Ensure the chart is appropriately sized before pasting it after the title when inserting it into the template. Guidelines for formatting double-column charts are available at the template's end. It's crucial not to alter the space before and after the title, preserving room for rules and space surrounding both the title and the chart during editing.

TABLES: (Use Style: NTP\_Table\_Title) Table titles should be concise, following the format "Table 1. Table Title". These titles should be easily comprehensible independently of the text. Provide additional details in footnotes, avoiding modifications to the space before and after the title to ensure proper formatting during editing.

(Use Style: NTP\_Table\_Body) In situations where a narrative presentation is unclear, when dealing with a large set of precise numbers, or when a tabular structure can enhance the communication of significant interconnections, opting for tables is recommended. Don’t use Word Style “NTP\_Table\_Body” for tables containing artwork. Supplementary to text and figures, tables should not replicate but complement them. Keep tables straightforward and to the point. Utilizing the Table Tool in your word-processing software, enter one item per cell for table creation is recommended.

**Displayed equations** can be incorporated at the preferred location, ensuring they are designated with the Word Style "Normal." Equations presented should adhere to a single-column width. In cases where the visual content requires a two-column width, it should be reclassified as a figure, chart, or scheme, and this designation should be explicitly stated in the text.

ASSOCIATED CONTENT

(Word Style “NTP\_Supporting\_Information”). **Supporting Information**. The contents of the provided material for Supporting Information should be summarized briefly in a non-sentence format.

AUTHOR INFORMATION

Corresponding Author

\* (Word Style “NTP\_Corresponding\_Author\_Footnote”). Give contact information for the author(s) to whom correspondence should be addressed.

Present Addresses

†If an author’s address is different than the one given in the affiliation line, this information may be included here.

Author Contributions

The manuscript was written through contributions of all authors. / All authors have given approval to the final version of the manuscript. / ‡These authors contributed equally. (match statement to author names with a symbol)

Funding Sources

Any funds used to support the research of the manuscript should be placed here.  
Notes  
Any additional relevant notes should be placed here.

ACKNOWLEDGMENT

(Word Style "NTP\_Acknowledgments"). Generally the last paragraph of the paper is the place to acknowledge people (dedications), places, and financing (you may state grant numbers and sponsors here).

ABBREVIATIONS

MRI, Magnetic Resonance Imaging; FCC, Face Centered Cubic; VB, Valance Bond; APW, Augmented Plane Wave.

REFERENCES

(Word Style "NTP\_References\_Section"). References are placed at the end of the manuscript. Authors are responsible for the accuracy and completeness of all references. AMA reference style should be used.

To format double-column figures, schemes, charts, and tables, use the following instructions:

Place the insertion point where you want to change the number of columns

From the **Insert** menu, choose **Break**

Under **Sections**, choose **Continuous**

Make sure the insertion point is in the new section. From the **Format** menu, choose **Columns**

In the **Number of Columns** box, type **1**

Choose the **OK** button

Now your page is set up so that figures, schemes, charts, and tables can span two columns. These must appear at the top of the page. Be sure to add another section break after the table and change it back to two columns with a spacing of 0.33 in.

Table 1. Example of a Double-Column Table

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 | Column 6 | Column 7 | Column 8 |
|  |  |  |  |  |  |  |  |

Submit a graphic entry for the Table of Contents (TOC). This graphic, coupled with the manuscript title, should convey a representative idea in the manuscript—be it a key structure, reaction, equation, concept, or theorem.

Insert Table of Contents artwork here