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**Author A, Author B, and Author C\***

*(Do not use all capital letters for any part of the authors' names.)*

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## **ABSTRACT**

Use 8.5 x 11 paper size, with 1" margins on all sides. A required 100-150 word abstract starts on this line. Leave two blank lines before "ABSTRACT" and one after. Use 11 point Times New Roman here and single (11 point) spacing. The abstract is a very brief summary highlighting main accomplishments, what is new, and how it relates to the state-of-the-art.

## **KEYWORDS**

List of at most five key words

## **1. INTRODUCTION**

Paper starts here with two blank lines before first section title. Use 8.5 x 11 paper size, with 1" margins on all sides. Use one blank line before and after each subsequent section's title. Section titles have style "Heading 1", are **11 point font**, must be all uppercase and text aligned left, and must be numbered in Arabic numerals as shown above. Introduce the topic of your work in this section.

Do not indent the first line of a paragraph; rather add one blank line between paragraphs. Use Times New Roman font (and Symbol if needed) and **font size 11** for the main body of the paper. There are four types

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\* Footnote, if necessary, in Times New Roman font and font size 10

of reference styles: journal paper [1], proceeding paper [2], book [3], and website [4]. References to websites are discouraged, but acceptable if absolutely necessary. It is the author's responsibility to check links in the PDF file of your paper. All references should be cited in the text in numerical order, in order of appearance as [5-7]. Do not include bookmarks or hyperlinks to references, figures, and tables in the text of your paper in your final PDF document. Do not include highlighting, page numbers, headers, or footers.

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## 2. SECOND OR SUBSEQUENT MAJOR HEADING (FONT SIZE 11 POINT)

A logical division of your report into sections, etc., makes it so much easier to understand. The style for subsection titles and all text in this template is "Heading 2," "Heading 3," etc. All text in this template is "Body Text 3." Make sure to *avoid widow/orphan* lines.

### 2.1. Subsection Title: First Character of Each Non-Trivial Word is Uppercase (11 Point)

Add a blank line before and after secondary titles. Secondary titles should start flush left, and are numbered as illustrated above.

Equations should be centered and sequentially numbered to the flush right of the formula. Use Times New Roman or Euclid font with a font size 11 for the text variables and corresponding sizes proportionally for the subscripts and superscripts.

$$\partial_x U_k + \partial_x F_k(U) = \partial_x K U_k^{3/2} \partial_x U_k \quad (1)$$

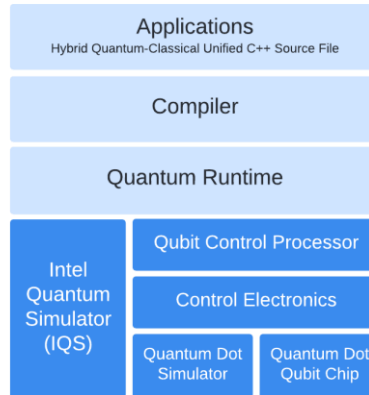
The continuation of a paragraph after an equation is not indented. All paragraphs, section or subsection headings, as well as equations are separated by just one single empty line.

#### 2.1.1. Sub-subsection level and lower: only first character uppercase (11 point)

Figures and tables should appear as closely as possible to where they are first cited, e.g., Fig. 1, in the text. Figures are numbered in Arabic numerals, with the caption centered below the figure, in **boldface**. Use two blank lines before the figure and after the figure caption.

When importing figures or any graphical image please verify two things:

- Any number, text or symbol is in Times New Roman font and is not smaller than 10 point after reduction to the actual window in your paper;
- That it can be translated into PDF.



**Figure 1. Sample Figure.**

Tables, such as Table I, are numbered in Roman numerals, with the table title in **boldface** centered above the table with a blank line between the title and actual table. Use two blank lines before and after the table.

**Table I. Sample table: relations between Qubit and results**

<b>Qubit</b>	<b>10</b>	<b>100</b>	<b>1000</b>	<b>5000</b>
<b>Result 1</b>	1.000x10 <sup>-1</sup>	2.500x10 <sup>-2</sup>	6.250x10 <sup>-3</sup>	1.563x10 <sup>-3</sup>
<b>Result 2</b>	1.000x10 <sup>-1</sup>	2.500x10 <sup>-2</sup>	6.250x10 <sup>-3</sup>	1.563x10 <sup>-3</sup>

Use SI Units. Conventional (non-SI) quantities may follow parenthetically if the author desires.

### 3. CONCLUSIONS

Present your summary and conclusions here.

### NOMENCLATURE (IF NEEDED)

If variables are extensively used in the text, a Nomenclature section would be helpful to the readers.

### ACKNOWLEDGMENTS

Acknowledge the help of colleagues or anyone.

### REFERENCES

*List references here, according to their first use in the paper. Include the following information (as applicable). Do not include these sentences in the full paper.*

1. B.C. Author(s), "Title of the Journal Paper," *Journal Name in Italic*, **Volume in Bold** (followed by the issue number in parentheses if known, see Ref. 5 below), pp. 34-89 (2007).
2. D.E. Author(s), "Article Title," *Proceedings of Meeting in Italic*, Location, Dates of Meeting, Vol. 31, pp. 134-156 (2012).
3. F.G. Author, *Book Title in Italic*, Page or Chapter Numbers, Publisher, City and Country (1995).

4. “NEAMS Update,” <https://www.intel.com/content/www/us/en/forms/support-community-user-registration.html> (2022).

## **APPENDIX**

If necessary, include Appendices numbered in upper case alphabetical order.

(END)