

# The Title Goes Here with Each Initial Letter Capitalized

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**Abstract.** The AIP Proceedings article template has many predefined paragraph styles for you to use/apply as you write your paper. To format your abstract, use the L<sup>A</sup>T<sub>E</sub>X template style: *Abstract*. Each paper must include an abstract. Begin the abstract with the word "Abstract" followed by a period in bold font, and then continue with a normal 9 point font.

## INTRODUCTION

Do not abbreviate Figure, Equation, etc.; display items are always singular, i.e., Figure 1 and 2. Equations are always singular, i.e., Equation 1 and 2, and should be inserted using the Equation Editor, not as graphics, in the main text. Display items and captions should be inserted after the reference section. Please do not use footnotes in the text, additional information can be added to the reference list.

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## FIRST-ORDER HEADING

This is an example of dummy text. This is an example of dummy text.

**Theorem 1**     *Text of the Theorem*

*Proof.* Proof of the Theorem...

□

**Lemma 1**     *Text of the Lemma*

**Proposition 1**     *Text of the Proposition*

**Definition 1**     *Text of the Definition*

**Remark 1**     *Text of the Remark*

**Corollary 1**     *Text of the Corollary*

**Assertion 1**     *Text of the Assertion*

**Problem 1**     *Text of the Problem*

**Conjecture 1**     *Text of the Conjecture*

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