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1(Use the Microsoft Word template style: Author Affiliation) Replace this text with an author’s affiliation   
(use complete addresses). Note the use of superscript “a)” to indicate the author’s e-mail address below.   
Use b), c), etc. to indicate e-mail addresses for more than 1 author.   
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**Abstract.** This is the AIP Proceedings abstract template. Type directly into this template in order to ensure that the style matches that required for final abstract and paper submission. This abstract style begins with the word “Abstract” followed by a period in bold font, and then continue with a normal 9 point font. The page size is 8.5 × 11. Abstracts can be up to 300 words in length. A figure or table can be included in the abstract following the formats noted below.

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**Figure 1.** To format a figure caption use the Microsoft Word template style: *Figure Caption*. The text “**FIGURE 1,**” which   
labels the caption, should be bold and in upper case. If figures have more than one part, each part should be labeled (a), (b), etc. Using a table, as in the above example, helps you control the layout

Cite all figures in the text consecutively. The word “Figure” should be spelled out if it is the first word of the sentence and abbreviated as “Fig.” elsewhere in the text. Place the figures as close as possible to their first mention in the text at the top or bottom of the page with the figure caption positioned below, all centered. Figures must be inserted in the text and may not follow the Reference section. Set figure captions in 9 point size, Times Roman font. Type the word “**FIGURE 1**.” in bold uppercase, followed by a period.

Due to the wide range and complexity of tables, we simply offer an example for guidance. Please follow the style for table (and figure) captions.

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| **TABLE 1.** To format a table caption, use the Microsoft Word template style: *Table Caption*. The text  “**TABLE 1,**” which labels the caption, should be bold and all letters capitalized. Center this text above the Table. Tables should have top and bottom rules, and a rule separating the column heads from the rest of the table only. | | |
| **Column Header Goes Here** | **Column Header Goes Here** | **Column Header Goes Here** |
| Row Name Here | x | x |
| Row Name Here | x | x |
| Row Name Here | x | x |

References should be numbered using Arabic numerals followed by a period (.) as shown below, and should follow the format in the below examples.

# References (Use the Microsoft Word template style: *Heading 1*)

1. M. P. Brown and K. Austin, *The New Physique* (Publisher Name, Publisher City, 2005), pp. 25–30.
2. M. P. Brown and K. Austin, Appl. Phys. Letters **85**, 2503–2504 (2004).
3. R. T. Wang, “Title of Chapter,” in *Classic Physiques*, edited by R. B. Hamil (Publisher Name, Publisher City, 1999), pp. 212–213.
4. C. D. Smith and E. F. Jones, “Load-cycling in cubic press,” in *Shock Compression of Condensed Matter-2001*, AIP Conference Proceedings 620, edited by M. D. Furnish *et al*. (American Institute of Physics, Melville, NY, 2002), pp. 651–654.
5. B. R. Jackson and T. Pitman, U.S. Patent No. 6,345,224 (8 July 2004)
6. D. L. Davids, “Recovery effects in binary aluminum alloys,” Ph.D. thesis, Harvard University, 1998.
7. R. C. Mikkelson (private communication).