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First A. Author<sup>1</sup>, Second B. Author<sup>1</sup>, and Third C. Author<sup>1,2</sup>

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**Abstract**

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These instructions provide the *required* format for preparing your two-page abstract for the ECE Graduate Research Conference. Your two-page abstract will be published in a proceedings booklet. *If you are using Word, you should just replace each section in this template with your own text.* Otherwise, use these instructions to prepare your final document in terms of layout, margins, font sizes and spacing. The abstract should not be longer than 100 words.

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**Introduction**

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The language of the conference presentation and the abstract is English. The submitted abstract must be limited to two pages including text, references, and figures in 8.5"x11.0" (*not* A4) size format. The Abstract section within the two-page abstract should be limited to a short paragraph (as shown above), and should give a concise summary of the research project. The introduction section should provide motivation for the research project and give a clear overview of the project and what has been accomplished. Remember that other students and faculty who are not in your area of research will want to understand what your project is about, so keep the Introduction (as well as the entire abstract) at a fairly general level. However, please provide enough information so that the summary can be reviewed adequately.

**Other Sections**

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can be and in fact **should** be included (e.g., sections called "**Analysis,**" "**Methods,**" "**Results,**" "**Conclusions,**" "**References,**" etc. depending on your paper topic/content).

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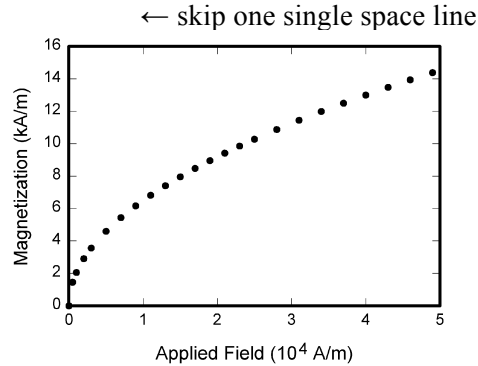
The text should be formatted single-spaced, right-and-left justified. The title should be centered 1 inch from the top of the first page. The author's (or authors') name(s) should be centered one line below the title. The expected presenter should be identified with an asterisk after the name, as shown, and author affiliations must also be included using the superscripting scheme shown. Both the left and right margins should be 4 cm (1.5 inches). A 2.5 cm (1 inch) margin should be at the top and bottom of all pages.

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DO NOT use page numbers, and do not exceed **2 pages**. Remember that the purpose of the abstract is to simply give an overview of what you will be presenting at the conference, not to present all the details.

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Paragraphs should be separated by one blank line. An **11-point** Times New Roman font is required to maintain easy readability and uniformity. New section titles should be in bold and *left justified*, as illustrated by the Abstract and Introduction titles above. Please follow the style of references given at the end for journal articles and book references.



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Fig. 1. Magnetization as a function of applied field. Note that “Fig.” is abbreviated and the figure description is left-and-right justified. There is a period after the figure number, followed by two spaces. It is good practice to explain the significance of the figure in the caption. A 10-point Times New Roman font may be used for figure captions.

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If you have any questions about formatting or other technical details, please contact Dr. Wanda Wosik, [wwosik@uh.edu](mailto:wwosik@uh.edu).

### Submission Process

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Please submit your summary electronically as a Word document and pdf file (i.e. convert your Word document to pdf before submitting it). The Word version is needed in case if any corrections are required. Please remember to *embed all fonts* in the pdf document before submitting it—this is especially important if you have any equations. Your word and pdf files should be submitted to the GRC Technical Program Chair, Dr. Wanda Wosik at [wwosik@uh.edu](mailto:wwosik@uh.edu)

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**Conference Website** (will be updated for GRC2018) <http://grc.ee.uh.edu>

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Please visit the conference website for any further instructions on submitting your abstract, suggested guidelines for preparing your Powerpoint presentations or posters, and other information. The conference website is: <http://grc.ee.uh.edu>

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### References

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- [1] J. Brown, “Artificial dielectrics having refractive indices less than unity,” *Proc. IEE*, vol. 100, pp. 51-62, May 1953.
- [2] A. Fehrembach, S. Enoch, and A. Sentenac, “Highly directive light sources using two-dimensional photonic crystal slabs,” *Appl. Phys. Lett.*, vol. 79, pp. 4280-4282, Dec. 2001.
- [3] M. Thèvenot, C. Cheype, A. Reineix, and B. Jecko, “Directive photonic bandgap antennas,” *IEEE Trans. Microwave Theory Tech.*, vol. 47, pp. 2115--2122, Nov. 1999.
- [4] T. Tamir and A. A. Oliner, “The influence of complex waves on the radiation field of a slot-excited plasma layer,” *IRE Trans. Antennas Propagat.*, vol. AP-10, pp. 55–65, Jan. 1962.
- [5] R.F. Harrington, *Time-Harmonic Electromagnetic Fields*, McGraw-Hill, Inc., 1961.