

# **Georgia Tech Engineering Reference Management System (GTERMS) Instructions to Customize EndNote to include the Engineering Reference Types for Word Users and LaTeX Users**

## **EndNote Customization Files**

To start the customization process, download the following files:

Reference\_Types\_GT\_OL.xml  
IEEE\_GT\_OL.ens  
BibTeX\_GT\_OL.ens  
PhysicsElectricalEngineering.txt

from the [Optics Laboratory GTERMS User Files page](#) >

Complete\_GTERMS\_User\_Files\_OL.zip.

## **Additional Reference Types**

To import the new reference types and their respective input fields, follow the steps given below:

1. From the navigation header click 'Edit' and select 'Preferences'.
2. A mini window should popup titled 'EndNote Preferences'.
3. Select 'Reference Types' from the list on the left. You should now see a subsection titled 'Reference Type Table'.
4. Click 'import' and choose the 'Reference\_Types\_GT\_OL.xml' file from your computer.

## **Referencing in IEEE Output Style in Microsoft Word**

Installing the IEEE\_GT\_OL style into **EndNote X2 and later:**

1. In Windows, or using your macOS Finder, browse to the location where you downloaded the IEEE\_GT\_OL style. Double-click on the IEEE\_GT\_OL.ens style file to open it. It should open in the EndNote program.
2. In EndNote, go to the "File" menu and choose "Save as."
3. Click the Save button.
4. Click on the "File" menu and choose "Close Style."
5. Navigate to EndNote and click on the "Tools" menu on the top navigation bar.
6. Choose "Output Styles" > "Open Style Manager" from the dropdown.
7. Search for the style you just added from the list provided and select the checkbox on the left-hand side.
8. Close the Style Manager popup and navigate back to "Tools" > "Open Style Manager".
9. Select the newly added style from the drop-down menu.
10. [Optional]: To update an existing document with this style, see [EndNote: Changing Output Styles Within a Document](#).

## Referencing in IEEE Output Style in LaTeX

Installing the BibTex\_Export\_GT\_OL style into **EndNote X2 and later:**

1. In Windows, or using your macOS Finder, browse to the location where you downloaded the BibTex\_Export\_GT\_OL style. Double-click on the BibTex\_Export\_GT\_OL.ens style file to open it. It should open in the EndNote program.
2. In EndNote, go to the "File" menu and choose "Save as."
3. Click the Save button.
4. Click on the "File" menu and choose "Close Style."
5. Navigate to EndNote and click on the "Tools" menu on the top navigation bar.
6. Choose "Output Styles" > "Open Style Manager" from the dropdown.
7. Search for the style you just added from the list provided and select the checkbox on the left-hand side.
8. Close the Style Manager popup and navigate back to "Tools" > "Open Style Manager".
9. Select the newly added style from the drop-down menu.
10. [Optional]: To update an existing document with this style, see [EndNote: Changing Output Styles Within a Document](#).

In LaTeX, it is necessary to generate a separate \*.bib file that contains all of the references that are to be used for that document. This file might typically be named References.bib. It must contain information about each reference obtained as described above. The needed information can be obtained from EndNote using the following procedure:

1. In the library window, highlight the reference desired.
2. In the preview window, click on the drop-down arrow in the Reference Style box.
3. Choose "Select Another Style..."
4. Select "BibTeX\_Export\_GT\_OL." The entry, such as @article{McCann\_2017, (appended below) above then appears in the EndNote preview window.

This @article file will contain the correct reference type for the article being referenced. This can then be copied and pasted into the References.bib file. In the LaTeX document, this article can be cited by inserting \cite{McCann\_2017} at the location where the citation occurs.

A project template with both the .tex and .bib files is included in the Complete\_GTERMS\_User\_Files\_OL.zip file previously downloaded. Alternatively, it can be downloaded from the [Optics Laboratory GTERMS User Files Page](#) > Example LaTeX Project.

## Journals Term List

PhysicsElectricalEngineering.txt contains over 800 journal names including, for example, the various versions of Journal of the Optical Society of America A, Journal of the Optical Society of America A: Optics, Journal of the Optical Society of America A: Optics, Image Science, and Vision, etc. that have been added. To install it into your EndNote software, select

Tools > Open Terms List > Journals Terms List > Terms, then highlight all terms and click Delete Term. This deletes all terms. These eliminated terms often are a hodgepodge of entries that have originated in the process of downloading references. Then, select Lists > Import List, then select PhysicsElectricalEngineering.txt. All journal name abbreviations will be downloaded. It will become the terms list used when using CWYW in Microsoft Word. LaTeX users will need to enter these abbreviations manually as shown in the @article{McCann\_2017, file below.

### **Example Reference in References.bib File**

```
@article{McCann_2017,  
title = {Convolutional neural networks for inverse problems in imaging: a review},  
journal = {IEEE Signal Process. Mag.},  
author = {McCann, M.T. and Kyong Hwan Jin and Unser, M.},  
volume = {34},  
number = {6},  
month = {Nov.},  
year = {2017},  
pages = {85 - 95},  
issn = {1053-5888},  
address = {USA},
```

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