Writing IEEE Paper Using Lyx

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Contents

White Papers usually are written in IEEE format. This format can be found online provided by IEEE website. It can be adopted easily also using Lyx. Below are quick steps to create a white paper in IEEE format using Lyx.

1 Prepare Basic IEEE Format

In Lyx menu, go to Document >> Settings. Then choose IEEE Transaction in Document Class section.

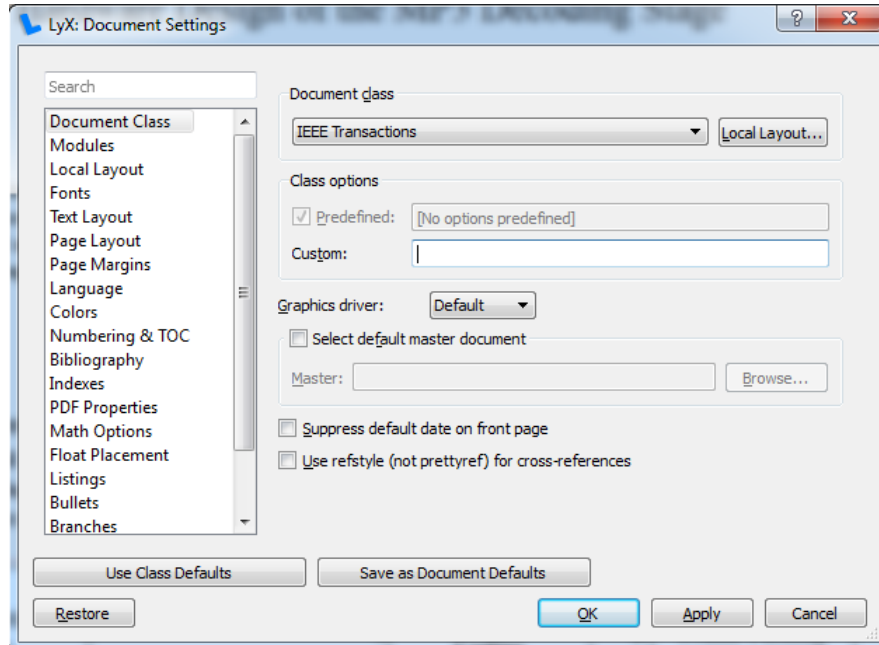
Figure 1: Choose IEEE Transaction

2 Journal or Conference

Writing a paper is subjected to many adaptation phases, IEEE format is addressing these phases as draft or final. This option can be set in main settings window as shown in the following figure. Also IEEE Papers can be published for a conference or a journal or technical note. All these settings can be set as shown in the following figure.
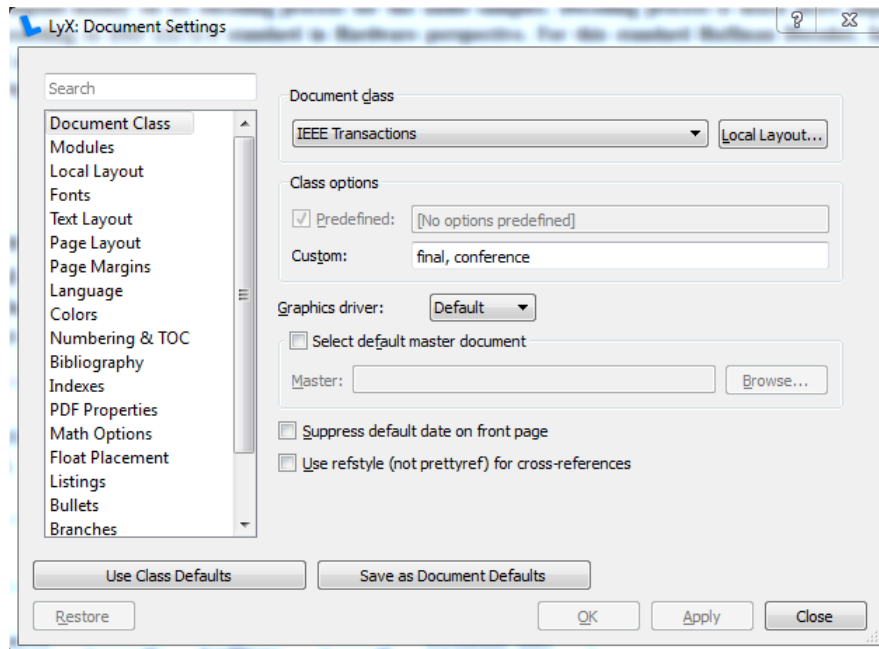
Figure 2: Define Format of the Paper

3   Font and Text Layout

Then comes setting of font of the text. If it is not specified by the conference or the journal you wish to submit to, use default settings but you should be aware of the required settings for the paper font, font size, size of the paper, margin of the paper, one/two sides, one/two column).
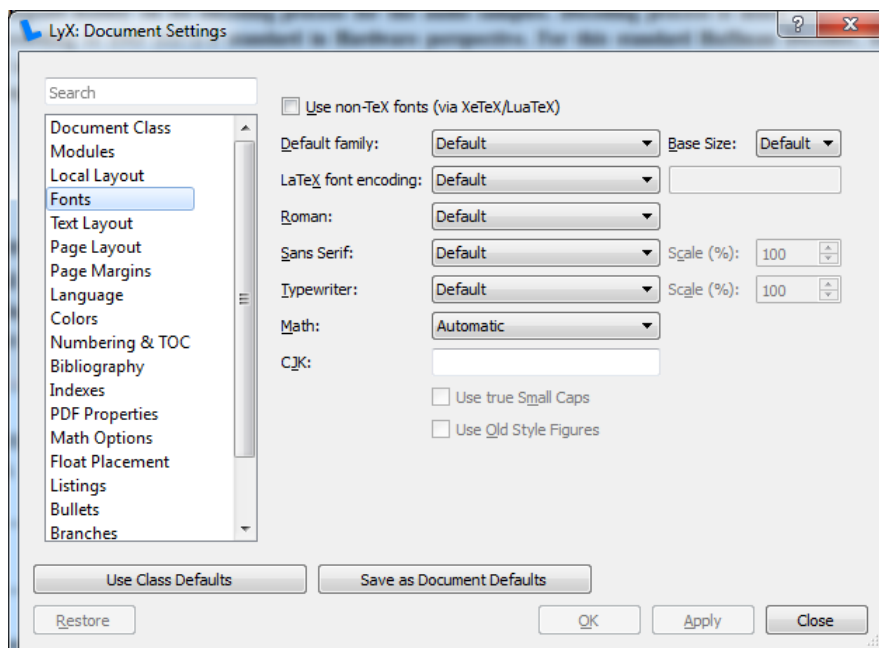

Figure 3: Define Used Font

Make sure also of the default setting in other options as shown below
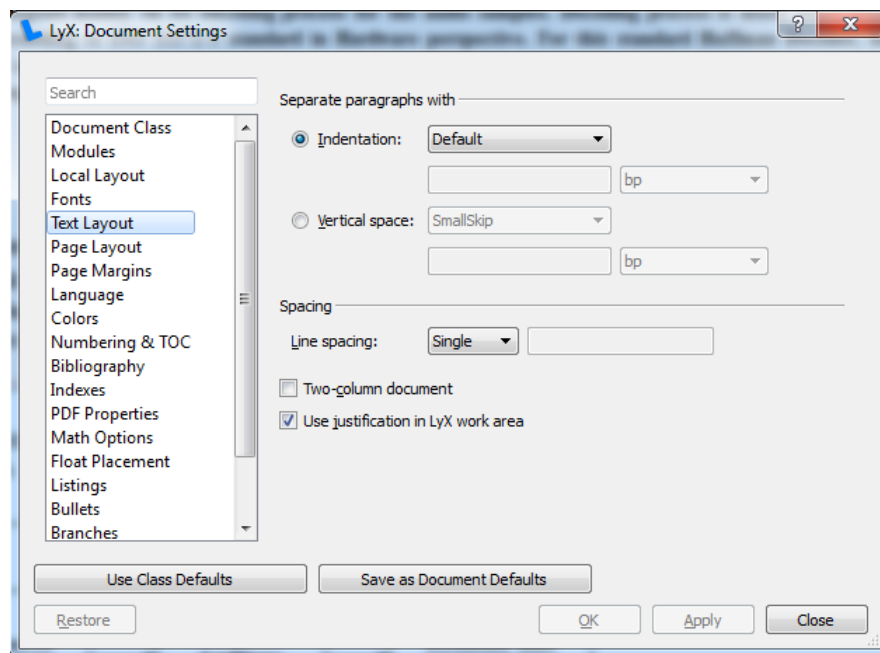
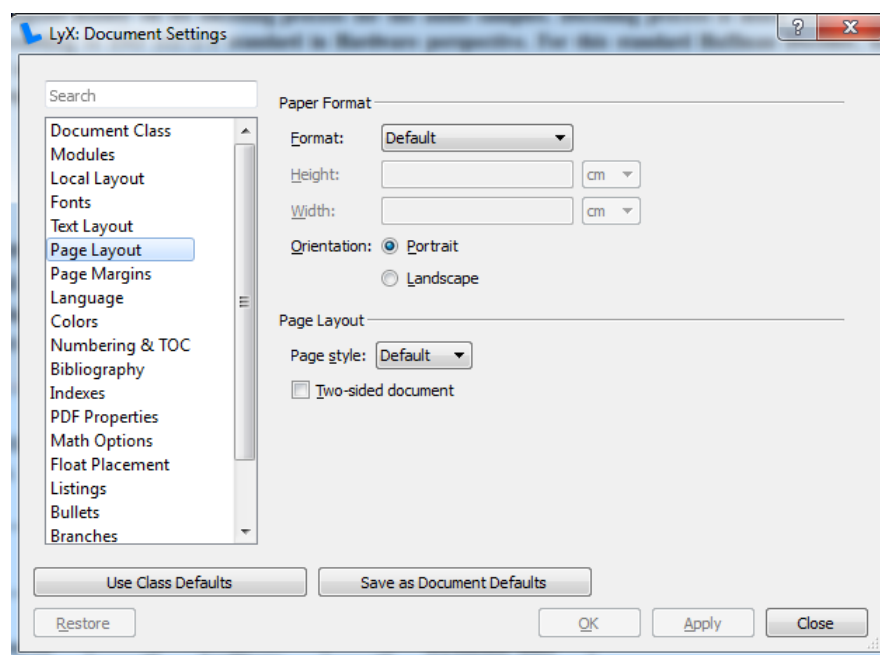Figure 4: Indentation and Line Spacing
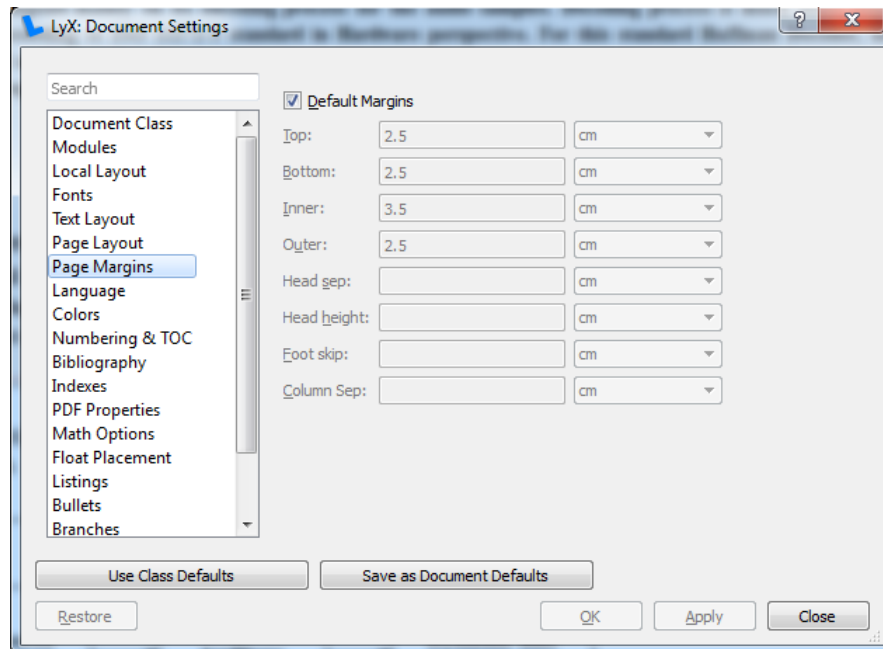

Figure 5: Page Layout

Figure 6: Paper Margin

4   Front Matter

You can define the title of the page by choosing that from toolbar window as below
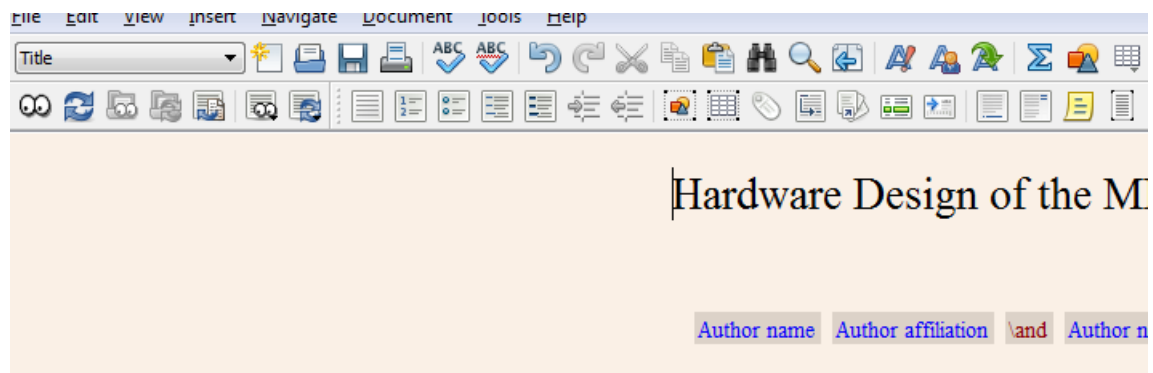

Figure 7: Paper Title

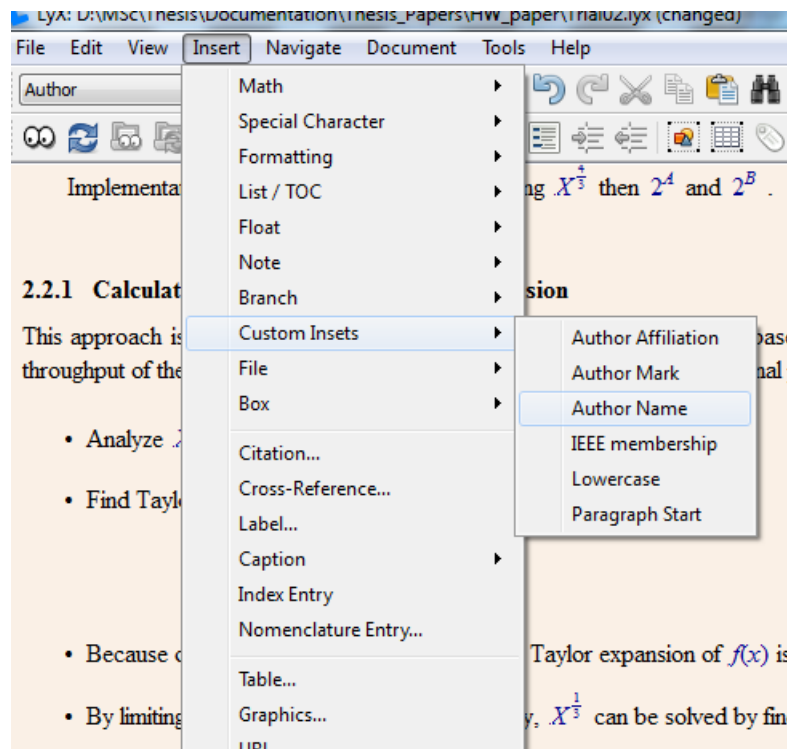To add Author name and affiliation, this can be done using top menu Insert>>Custom Insets as shown below

Figure 8: Adding Author

5 Adding References

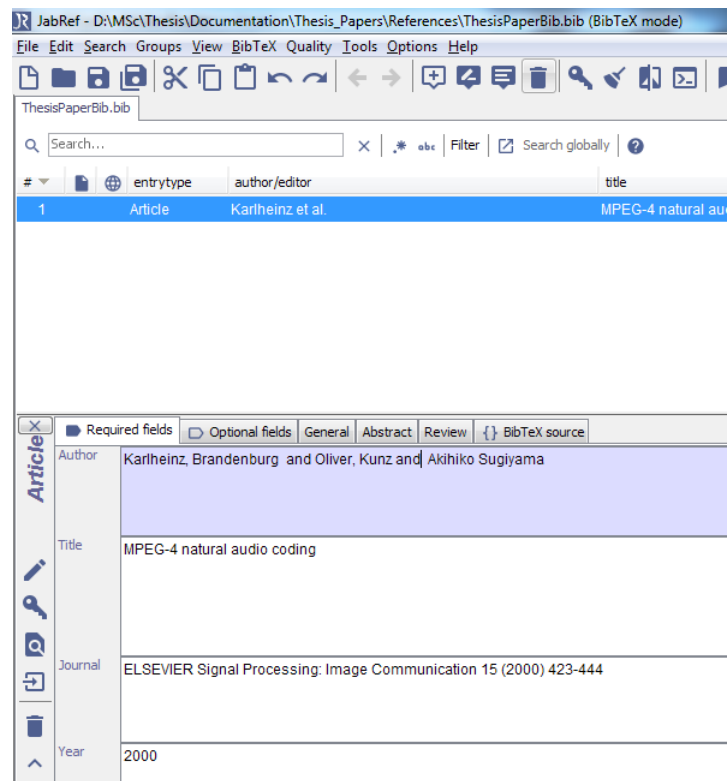In this tutorial I am using JabRef for creating my bibliography. Add your reference in JabRef.

Figure 9: Create .bib File

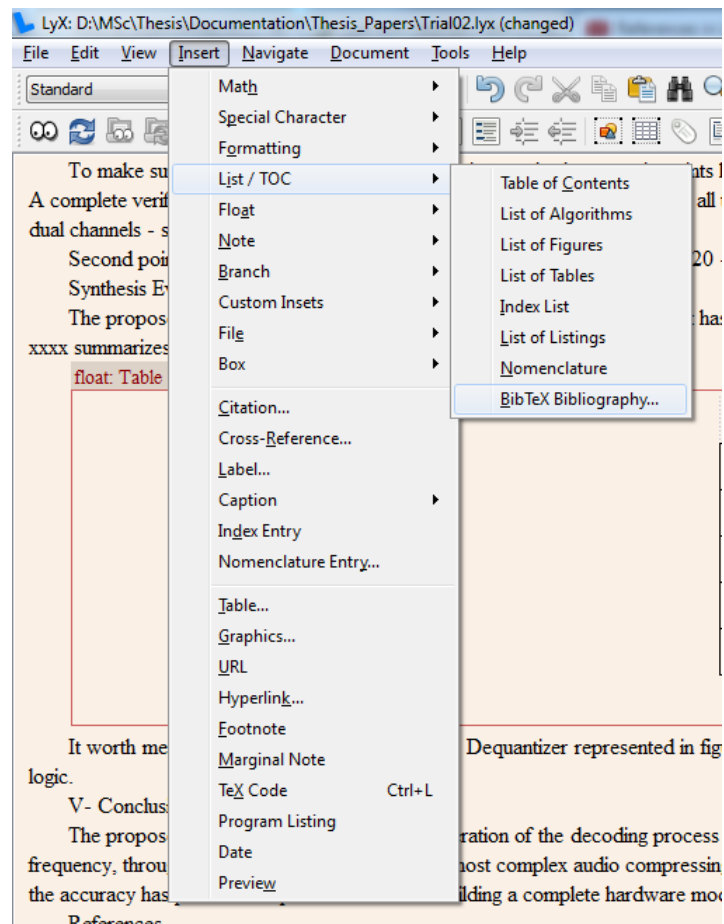Back to Lyx, in top menu choose Insert>>List/TOC>>BibTex Bibliography.

Figure 10: Insert .bib File in Lyx

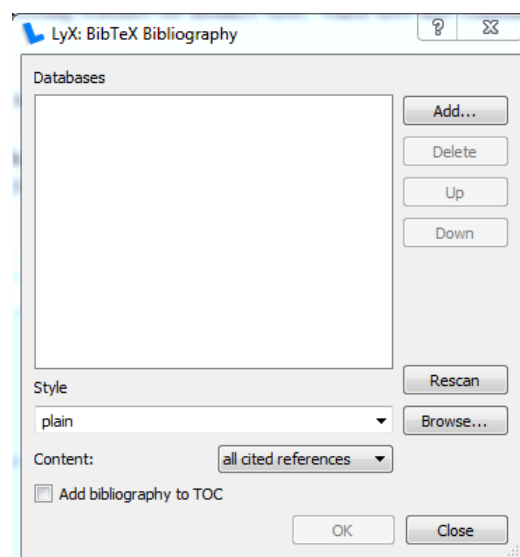Click Add in the opened wizard.

Figure 11: Insert bib Wizard

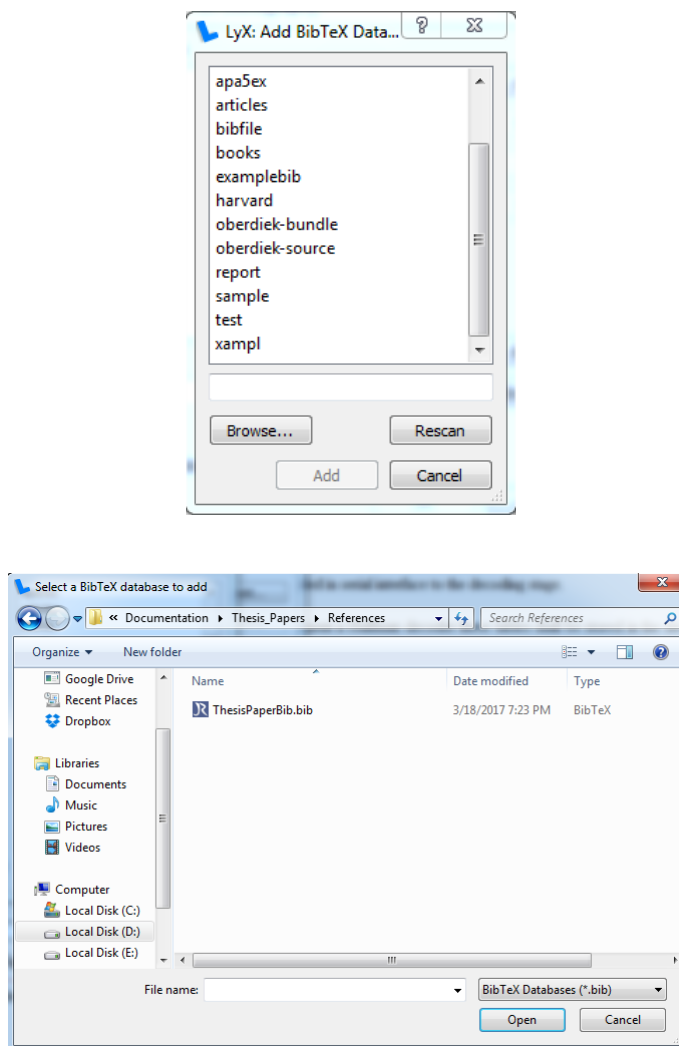Next is to browse for the saved .bib file from JabRef.

Figure 12: Browse for Saved bib
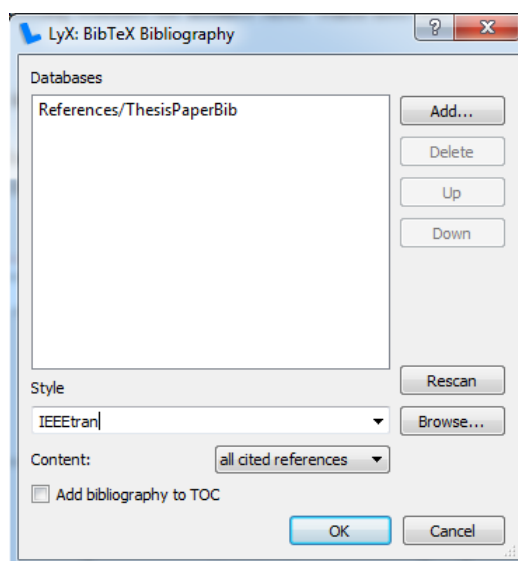
Choose style of appearance, here I have chosen IEEEtran.

Figure 13: Choose Style of References List