Using LATEX to submit manuscripts to peer reviewed journals.

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Abstract

Hereafter, I describe all the steps that have to be followed if you want to prepare scientific papers with LATEX. This information is for a PC working under Windows XP or Vista. I take the example of a submission to J. Micromech. Microeng. but you can also find templates for the IEEE J. MEMS or any *serious* journal.

Basic steps

1. Download the complete MikTeX 2.9 distribution [1]
   (using 'Net Installer': http://miktex.org/2.9/setup).
   It can take time if your network connection is slow. . .

2. Install MikTeX using the same setup executable file. This step also takes long time (typically ~ 30 min).

3. ONLY ONCE MikTeX has been installed, you can download and install WinShell (http://www.winshell.de/) [2].

   - Open 'Winshell.exe'
   - You can check in "Options" > "Programm Calls" that MikTeX is the distribution used to compile LATEX.

4. Create a new folder where you will copy the LATEX template files

   - First, you can simply open the '.tex' file that I enclose in this e-mail. After conversion with PDFLaTeX, it will look like the PDF file that I also enclose.
   - Then, try with the template provided by IoP for *J. Micromech. Microeng* [3].
     You can download these files and the guidelines here:
     ftp://ftp.iop.org/pub/journals/ioplatexguidelines.zip

If you need further information about the LATEX language, you can check "The Not So Short Introduction to LATEX 2$_\varepsilon$". You can find it here:
http://tobi.oetiker.ch/lshort/lshort.pdf

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References

[1] MikTeX *www.miktex.org*

[2] WinShell *www.winshell.de*

[3] J. Micromech. Microeng. *www.iop.org/EJ/journal/JMM*