

# Instructions for Typesetting LINZ 2007 Abstracts in $\text{\LaTeX}$

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Starting with 2005, the abstracts of the annual Linz Seminar on Fuzzy Set Theory are typeset in  $\text{\LaTeX}$  using the Springer document class `llncs.cls` (standard class for Lecture Notes in Computer Science). Therefore, authors are strongly advised to use that document class or the corresponding author's kit for Microsoft<sup>®</sup> Word. Detailed information (including links to Springer's instructions and downloads) is available under the following URL:

<http://www.flll.jku.at/research/linz2007/instructions.html>

To simplify the merge of the individual chapters, some basic instructions should be taken into account:

- Do not use any packages that are not in the standard  $\text{\LaTeX}$  distribution (as, for instance, in Mik $\text{\TeX}$  2.1)!
- Avoid self-written macros wherever possible; if they are not avoidable, please be so kind and prefix the macro names with your initials to avoid conflicts; Example: if the initials of the first author are “A.B.”, it is suggested to define the macros such that they start with `\AB...`, e.g. `\ABbigaggregationoperator` instead of `\bigaggregationoperator`
- Use a standard style for typesetting citations. We strongly recommend using Bib $\text{\TeX}$  with the `plain` style.
- Use a prefix for cite keys that uniquely corresponds to your contribution, e.g. initials of the first author.  
Example: if the initials of the first author are “A.B.”, you are kindly suggested to use `\bibitem{ABKleMesPap2000}` and `\cite{ABKleMesPap2000}` instead of using `\bibitem{KleMesPap2000}` and `\cite{KleMesPap2000}`. This measure will help to avoid multiply defined cite keys and reduces the risk of wrong references when merging the chapters.
- Do not use the packages `epsfig` and `psfig` to include graphics! Instead, use the  $\text{\LaTeX}$  2<sub>ε</sub> standard package `graphicx` and the `\includegraphics` command.
- Use the `theorem` package (or alternatively `ntheorem`) to typeset theorem-like environments; please use `\begin{proof}` ... `\end{proof}` for typesetting proofs.

- Please do not forget to send all relevant files to the organizers (a PDF or PS file of your chapter (PDF strongly preferred), the  $\LaTeX$  source of the chapter, all figures). If you use Bib $\TeX$  please send the .bbl file or include the .bbl directly in the  $\LaTeX$  source file.

We are aware that these instructions are rather strict and mean extra work for the authors. We appreciate your kind understanding!

Here is a sample file that makes all necessary definitions and includes; typesetting of authors and affiliations should be done analogously to that example:

```
\documentclass{llncs}

\usepackage{amsmath,amssymb,amsfonts}
\usepackage{theorem}
\usepackage{graphicx}
\usepackage{times,mathptm}

\renewcommand{\ttdefault}{cmtt}

\begin{document}
\title{Instructions for Typesetting LINZ 2007 Abstracts in  $\LaTeX$ }
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\maketitle

\section{Introduction}

Put text here

\end{document}
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