

Workshop Title: Typesetting with LaTeX

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Workshop Synopsis

LaTeX is a document preparation system that is widely used in academia for the communication and publication of scientific documents in many fields, including mathematics. Unlike WYSIWYG (what you see is what you get) processors such as MS Word, LaTeX is a WYSIWYM (what you see is what you mean) processor that uses its own (coding) language and typesetting program for formatting its output. This workshop gives a brief overview on preparing a basic document with mathematical elements in LaTeX. Come and explore an alternative word processor that creates beautiful mathematical documents.

This 2-hour workshop will cover the following topics:

- 1) Latex online resources (download, installation, wiki).
- 2) Generating a basic document (article) in Latex with
 - a. Tables.
 - b. Figures.
 - c. Equations.
 - d. Referencing and bibliography.

Objectives:

- To provide an introduction to the word processor LaTeX.
- To demonstrate how a simple document with mathematical elements can be constructed using LaTeX.

Who should attend:

This workshop is suitable for those interested in using LaTeX as a word processor.

Requirements:

Please bring your own laptop (with a working version of LaTeX installed) for this workshop.