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# Using L<sup>A</sup>T<sub>E</sub>X for maths (ULFM)

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Ref.: ulfminvite.tex  
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## 1 Synopsis

This short course <sup>1</sup> is aimed at authors who wish to use L<sup>A</sup>T<sub>E</sub>X for publishing mathematically-rich documents.

L<sup>A</sup>T<sub>E</sub>X is a very powerful and versatile typesetting system, for high-quality publishing. It is used internationally, by a wide variety of users. It was originally conceived by Prof. Donald E Knuth, the greatest computer scientist of our times. L<sup>A</sup>T<sub>E</sub>X is available for free (gratis), on all, modern, Linux systems.

This is a rare event, where you can meet, and listen, and learn L<sup>A</sup>T<sub>E</sub>X from a guru. Get your questions answered. Take your first steps into the fascinating world of L<sup>A</sup>T<sub>E</sub>X . Each participant will receive a course handout CDROM containing a rich collection of carefully chosen, tutorial material on L<sup>A</sup>T<sub>E</sub>X , including the ULFM ebook, and a copy of all the presentation material used in this tutorial.

- **Venue** : ????
- **Date** : ????
- **Duration** : One day (6 sessions of 90 minutes each, with appropriate inter-session breaks).
- **Tentative course structure** :
  1. Introduction/Overview
  2. Learning by hacking
  3. Principles of writing mathematical texts
  4. Overview of the ULFM book

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<sup>1</sup>This course is an introduction to the book “Using L<sup>A</sup>T<sub>E</sub>X for maths(ULFM) ” published by Lambert Academic Publishers, Germany

## 2 Profile of the Lecturer

Prof. Parthasarathy is an experienced user of  $\LaTeX$  . He is also a special editor of PracTex journal, the official journal of the TeX Users Group (TUG).

Prof. Parthasarathy's profile is available at:

<http://drpartha.org.in/profpartha/profile.pdf>

## 3 Important

1. This is a course for beginners. No prior knowledge of TEX or LATEX is necessary. The seminar itself, and all demonstrations will be done on a LATEX system implemented on Linux machines. Participants will be expected to have a working knowledge or familiarity of Linux. Microsoft worshippers, please abstain.
  2. Dr. Partha's introduction to  $\LaTeX$  is available on the web, at :  
<http://profpartha.webs.com/startlatex.htm>  
You can use this a starter page for details about  $\LaTeX$  .
  3. This document itself is available on the web :  
<http://profpartha.webs.com/publications/ulfminvite.pdf>  
Please obtain the latest version of this document, from the web.
  4. A detailed checklist of arrangements and resources to be made available by the host institution, is available at :  
<http://profpartha.webs.com/arrange.pdf>  
Please study the above , and confirm that you can arrange for ALL the requirements mentioned in the above checklist.
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