

MAFELAP 2006 Abstracts — instructions to authors

Please prepare your abstract, which can be up to one A4 page in length, using LaTeX2e using the guidelines given below. The purpose of these guidelines is to help generate, in a smooth, efficient and uniform way a book of the abstracts and to gather together information such as author names, addresses and optionally emails and one URL per abstract. To conform to these guidelines you just need to follow the instructions listed below.

Structure of the abstract

The structure of your abstract should be as follows:

```
\documentclass[12pt]{article}
\hoffset=-4mm\voffset=-1cm \textwidth=6.6in\textheight=9.5in
\begin{document}
```

Title of abstract, names of authors, addresses and possibly other details.

Main body of the abstract

```
\end{document}
```

It would help us if you do not format the “top matter” details such as the names of the authors, the addresses and the title when you send the abstract to us. We will do this at Brunel. As examples, based on the last Mafelap Conference in June 2003, the header information can be supplied in the following form.

For a paper with one author we have the following.

```
%TITLE
Stabilizing subgrids and their construction

%AUTHOR
Franco Brezzi

%ADDRESS
Istituto di Matematica Applicata e Tecnologie Informatiche del C.N.R.,
via Ferrata 1, 27100, Pavia, Italy
brezzi@imati.cnr.it
```

For a paper with several authors we have the following example.

%TITLE
Unstructured Mesh Methods for
Computational Electromagnetics

%AUTHOR
K. Morgan^{1a},
M. El hachemi¹,
O. Hassan¹,
P. D. Ledger^{1,2b}
and
N. P. Weatherill¹

%ADDRESS
¹School of Engineering, University of Wales,
Swansea SA2 8PP, Wales, United Kingdom.
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HG E 13.1, ETH Zentrum, CH-8092 Zurich, Switzerland.
^b Ledger@sam.math.ethz.ch

As another example, for a paper with several authors with an address including a URL we have the following.

%TITLE
A posteriori error estimation for the Stokes
problem on anisotropic discretizations

%AUTHOR
E. Creus^e,
G. Kunert^{2a},
and
S. Nicaise¹

%ADDRESS
¹Universit^e de Valenciennes et du Hainaut Cambr^esis,
MACS, Le Mont Houy, 59313 Valenciennes Cedex 9, France
²TU Chemnitz, Fak. Mathematik, D-09107 Chemnitz, Germany.
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<http://www.tu-chemnitz.de/gku/>

As a further remark please enter the words in the title as “The finite element method” and not as “THE FINITE ELEMENT METHOD”. As the examples show, email addresses can be part of the address. If you wish you can optionally have one URL to indicate where on the web related information can be found.

If you have references in the main body of the abstract then these can be given inline in the form ‘as is shown in [J. T. Oden, *The Mathematics of Finite Elements and Applications*, Ed. J. R. Whitemen, 1993, pp. 1–24]’ or referenced in the text with the LaTeX `\cite` command. In this latter case the list of references should be generated by bibtex and the bibtex file must also be sent.

Apart from these requests, authors have almost complete freedom in the layout of the main body of the abstract with the main constraint being the length restriction of 1 page.

There are some further points to note. If you know at this stage that your paper will be part of a mini-symposium then please can you indicate this in your submission. This will help to ensure that we group together all the abstracts related to a mini-symposium.

If you are likely to be an author or co-author of more than one paper then it would help us if you let us know so that you appear properly in the author index that we create.

Sending the abstract

We need the ASCII file containing your abstract to arrive without any intermediate formatting having taken by the email program that sends the file. To achieve this please send the abstract in one of the following ways.

- (i) As an attachment to an email to be sent to the address

`mafelap.abstracts@brunel.ac.uk`

If the email software that you use does some intermediate formatting of plain text files as attachments then please create a zip file containing the file and then send the zip file as the attachment.

Alternatively, if you do not send attachments then you can first uuencode the file and then include this in the body of your email.

We will acknowledge email submissions when we have received and processed the file to confirm that everything is okay.

- (ii) By letting us know by email of a URL (`http` or `ftp`) that we can access to download the file.

We will let you know by email when this has been done.

- (iii) By posting to us an MSDOS formatted diskette or a CDROM containing the LaTeX file or files. If the diskette, the CDROM or the package containing the media contains an email address then we will let you know by email when we have extracted the file from the diskette.

Non-LaTeX users

If you do not use LaTeX and are having problems conforming to these guidelines then we may be able to still easily cope with your abstract.

If there are no special symbols required then you can just send a plain text file. If you only use WORD and your abstract only contains a minimal amount of mathematical symbols then we should still be able to easily convert it to LaTeX here at Brunel and include it with all the other abstracts. Please contact us first to see if everything will be okay.