

Short Communication of the International Conference on Computational Biomechanics and Biology, September 10–13, 2007, Plzeň, Czech Republic University of West Bohemia

# A very long title of this document spanning several lines

## with an optional subtitle

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#### Abstract

A short description of the iccbb.cls  $\text{LAT}_{E}X 2_{\varepsilon}$  class file is given from the user's point of view. The sole purpose of this sentence is to make the abstract a bit longer, so that it spans more than two lines. Well, four lines would be even better. A real abstract should not exceed ten lines, as it should not repeat the entire article.

## 1 Introduction

The manuscripts for ICCBB Proceedings should be preferably formatted using the  $I^{A}T_{E}X$  typesetting system<sup>1</sup>. To keep a uniform look of all documents, use the supplied iccbb.cls class file. This class file is based on the standard article.cls class, hence all the usual  $I^{A}T_{E}X$  formatting commands are available, see [1]. Consult also the sources of this file.

The manuscript should be **two to four pages** long, which should be enough for a short communication. Selected papers will be published in a journal in an extended version. Do not forget to specify the **ID of your contribution**, see Tab. 1.

### 1.1 Cannot use $\mathbb{E}T_{\mathbf{E}}X$ ?

If you cannot use  $\[MT_EX 2_{\varepsilon}\]$ , try to mimic the appearance of this document as closely as possible. The manuscript should be formatted for the A4 paper, with the text width 160 mm, text height 250 mm, left margin 25 mm, and top margin 25 mm. Use the Computer Modern fonts<sup>2</sup> with normal text font size 12 pt. We accept only **PDF** files, no DOC, please.

<sup>&</sup>lt;sup>1</sup>Particularly the LATEX  $2\varepsilon$  version.

<sup>&</sup>lt;sup>2</sup>Default LATEX fonts.

## 2 Paper structure

The iccbb.cls defines several additional commands to format the title of the manuscripts, see Tab. 1, and the source file of this document. It also loads the packages graphicx.sty, amssymb.sty, amsmath.sty and bm.sty, so these packages do not have to be loaded explicitly in the manuscript source file.

\articleid{id}	ID of the article (sent to you by e-mail)
\title{main title}	main title
\subtitle{subtitle}	(optional) subtitle
\authorinfo{name}{a}	author name and affiliation mark
\affiliation{a}{e-mail}{address}	affiliation mark, e-mail, address
\acknowledgement{thanks}	acknowledgement text

Tab. 1: List of additional/modified commands in iccbb.cls class.

The figures are inserted using standard command include graphics, for example Fig. 1 was created using

```
\begin{figure}[!ht]
  \centering
  \includegraphics[width=0.2\linewidth]{logo_iccbb2007}
  \caption{Logo.}\label{fig:f1}
\end{figure}
```



Fig. 1: Logo.

Let us write also a simple equation

$$\boldsymbol{A}\boldsymbol{x} = \boldsymbol{b} \;, \tag{1}$$

corresponding to a system of linear equations. It should be referred to by (1). As one equation is too little, here is another one:

$$a^2 + b^2 = c^2 . (2)$$

## 3 References How-to

Literature references should be given in a standard way using the cite command: an article [3], a book [2], an article in Proceedings [6], another book [4] and yet another article [5]. Another article in Proceedings, cf. [7]. To ensure proper references formatting, prepare a BibT<sub>E</sub>X bibliography file listing all the cited works. An example bibliography file bibliography.bib is provided. The references are then typeset simply by

\bibliography{bibliography}

Acknowledgement: Here we thank all the good people that pay us.

## References

- [1] LaTeX home page. http://www.latex-project.org, 2007.
- [2] H. ABÉ, K. HAYASHI, AND M. SATO. Data Book on Mechanical Properties of Living Cells, Tissues, and Organs. Springer-Verlag, Tokyo, 1996.
- [3] G. ALLAIRE. Homogenization of the stokes flow in a connected porous medium. *Asymptotic Analysis*, 2:203–222, **1989**.
- [4] A.C. GUYTON AND J.E. HALL. *Textbook of Medical Physiology*. W.B. Saunders Company, Philadelphia, **1995**.
- [5] G. HOLZAPFEL, T. GASSER, AND R. OGDEN. A new constitutive framework for arterial wall mechanics and a comparative study of material models. *Journal of Elasticity*, 61:1–48, 2000.
- [6] M. SERMESANT, P. MOIREAU, O. CAMARA, J. SAINTE-MARIE, R. ANDRI-ANTSIMIAVONA, R. CIMRMAN, D. L. G. HILL, D. CHAPELLE, AND R. RAZAVI. Cardiac function estimation from mri using a heart model and data assimilation: Advances and difficulties. In A. F. Frangi, P. I. Radeva, A. Santos, and M. Hernandez, editors, *Functional Imaging and Modeling of the Heart*, vol. 3504 of *Lecture Notes in Computer Science*. Springer, **2005**. Proceedings of the Third International Workshop, FIMH 2005, ISBN: 3-540-26161-3.
- [7] G. I. ZAHALAK AND S.-P. MA. Muscle activation and contraction: Constitutive relations based directly on cross-bridge kinetics. In *Biomechanical Engineering*, vol. 112, pp. 52–62, **1990**.