

Title of this paper

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This is a template for a paper or a poster to be presented at the International Meteor Conference in Redu, Belgium, from August 31 to September 3, 2023. Besides being a template, this document also contains information for the preparation of your paper, complementing the *Instructions for all authors* on the IMC 2023 web pages.

1 Introduction

This article presents how to make a correct paper with pictures and tables. At the end are also examples of references. First of all, notice the file name. We use a uniform naming scheme consisting of the year (in this case, 2023), the number assigned to your paper (in this case L12), and the last name of the corresponding author in all-lowercase characters (in this case **sheep**), all separated by hyphens. Please adhere to this format; that makes life simpler to us!

The editors will edit each paper received for content, language, style, and overall uniformity of the entire proceedings volume. The better you prepare your manuscript and the more you adhere to the guidelines, the fewer work this will be, and the editors will be grateful to you for that. Nevertheless, do not be overly perfectionist either. Small changes in the final editing may have significant implications on the layout, and it would be a pity that painstaking finetuning efforts would prove futile in the end.

We have no formal page limits for an article, but know that most authors manage with four pages or less. If you need more than six pages, however, and you can justify why you need so many pages, please contact the editors to find out whether there is room to accommodate a paper of that length.

2 How to make a picture

Here is an example of a picture (Figure 1). \LaTeX users should always use cross-references to refer to figures. We have a uniform scheme for labeling figures, reminiscent of the scheme for naming files. Please adhere to this scheme, also for the name of the figure file! \PDF\LaTeX accepts **.png**, **.jpg**, and **.pdf**. We give an example of each of them in this template article. However, always provide us with the original version of your figure as well if it has another format. Sometimes, this helps us to generate a better-quality conversion, if

needed. Nevertheless, the responsibility for the quality of the picture is first and foremost the authors': the editors can only improve what is already in the picture in the first place! In particular, mind that it is very annoying for the reader to see text in a figure that is not or only poorly readable! Also mind that the printed version of the proceedings is produced in black and white: colors in a graph may look nice in the on-line version, but make sure that you design your graph in such a way that no information is lost in the printed black-and-white version.



Figure 1 – The IMC 2023 is co-organized with the Royal Belgian Institute for Space Aeronomy (BIRA-IASB). Their logo shown here is in PNG format. There is no need to mention the extension in the `\includegraphics` command.

As a general rule, we print figures column-wide, as Figure 1. In some cases, however, this may lead to such a small scale that essential details are lost. In this case, you may instead create a figure that spans both columns. Notice that the “h” and “b” options are not



Figure 2 – If we would insert this JPEG picture of the Caves of Han-sur-Lesse (on the program for the Saturday afternoon excursion) in a single column, it becomes difficult to see what is actually shown. Therefore, we have chosen to make it span both columns. This option should be used sparingly, however!

available to position these large figures. Finally, if a figure is composed of several subfigures, the `subfigure` package may be used to arrange them properly.

3 How to write a table

Table 1 shows an example of a \LaTeX table. As for figures, always use crossreferences to refer to tables. The format of the label, `2023-L12-sheep-figure2` in this example, is very similar to that of figures.

Table 1 – Numbers of different kinds of participants expected to attend the IMC 2023.

Species	Number
Sheep	3
Teddy bears	87
Big bears	7
Cows	13
Total	110

In tables, captions are placed *above* the actual table. Also notice the use of “\0” to line up the numbers. Only if a tables contains few columns, it will fit in a column. Therefore, authors may also use the

```
\begin{table*}[!t]
...
\end{table*}
```

environment to create tables that span both columns. Notice that vertical lines are *never* used to separate columns!

4 Formatting and citing references

If you know \BibTeX , please use it. We have provided the bibliography style file `imo2.bst` for that purpose.

The file `sheep.bib` provides examples of references that are books (Rendtel, 2022), journals (Lamy, 2023), or proceedings papers (Miyao and Ogawa, 2004).¹ Authors are requested to replace

```
\bibliographystyle{imo2}
\bibliography{sheep}
```

by the content of the file `sheep.bbl` just before submitting the article to reduce the number of files involved.

Authors not familiar with \BibTeX but knowledgeable with \LaTeX bibliographies may write the bibliography “from scratch” using the relevant comments in the *Instructions for all authors* as guidelines. The content of the file `2023-L12-sheep.bbl` shows how a \LaTeX bibliography looks like.

Although we do not explicitly disallow web pages in the list of references (e.g., Frühauf, 2022), we ask to avoid this, as such references by their proper nature are unstable in the long run. In addition, they are difficult to edit properly, especially in case of long URLs, as this example shows. Instead, use footnotes to refer to web pages.²

5 Conclusions and additional remarks

The file `2023-L12-sheep.tex` is just for those who will use \PDFLaTeX to write a paper for the IMC 2023 Proceedings. If you do not use (PDF) \LaTeX , do not worry, the editors will format your paper. However, you can still look at `2023-L12-sheep.pdf` for an example of what a paper will look like.

If you compile your article with the files provided here, you may notice that the columns on the last page are

¹The *Instructions for all authors* explain how to cite references.

²See also <http://imc2023.imo.net/guideline>.



Figure 3 – This very cute creature has illustrated L^AT_EX instructions for contributions to the IMC Proceedings ever since the 2010 edition in Armagh, as it is so endearing to both authors and editors. Therefore, it has become an IMC classic. This time, the figure is in PDF format.

not balanced, unlike in the IMC Proceedings. Do not worry, the editors will take care of that.³ It may also be worthwhile considering to add the option `draft` in the first line of your document during its preparation. You will save time, because pictures are not imported.⁴ In addition, lines sticking out of the margin will be marked by black boxes.

Acknowledgements and disclaimer

The editors wish to thank David J. Asher. His template and instructions for the 2010 Proceedings were the basis of this adapted version. In his honor, we include (a slight variation of) the picture that adorned previous versions of this template.

Thanks also to all authors who will use this template to ease the editors' work.

Finally, every resemblance between names, places, and situations referred to in this paper and actual names, places, and situations is unintentional and should be regarded as purely coincidental.

References

- Frühauf M., Gscheidle C., and Koschny D. (2022). “AllBert EinStein”. <https://www.asg.ed.tum.de/en/lpe/research/near-earth-objects-and-impacts/allbert-einstein>. Viewed 27 February 2023.
- Lamy H. (2023). “Forty-second International Meteor Conference, Redu, Belgium, August 31–September 2”. *WGN, Journal of the IMO*, **51**, 3–8.

Miyao K. and Ogawa H. (2004). “Research into the characteristics of meteor showers from multi-frequency radio observations”. In Triglav-Čekada M. and Trayner C., editors, *Proceedings of the International Meteor Conference*, Bollmannsruh, Germany, 19–21 September 2003. IMO, pages 81–89.

Rendtel J., editor (2022). *Handbook for Meteor Observers*. IMO.

³Packages such as `balance` have undesired side-effects and are therefore not used.

⁴Only their bounding boxes are taking into consideration, so that the layout is exactly the same as with the pictures.