

# Document Template for DGaO Proceedings

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This is a short abstract which is at most five lines long and not identical to the longer abstract that has been submitted during registration. The following text moves down if the abstract gets longer.

## 1 Introduction

This document class for  $\text{\LaTeX}$  contains the standard format for the proceedings of the DGaO conference. To ensure a common appearance for all articles, we ask you to adopt the formatting as it is defined here.

The entire article may not be longer than two pages. Longer articles get rejected.

## 2 Fonts

The text is typeset in “Helvetica 10pt” for optimal readability on the screen. As default, DGaO-Proc automatically includes the `tc-Fonts` (Text Companion), which provide additional symbols like  $\mu\text{m}$ . If you don’t have the `tc-Fonts` installed on your system, use the `notcfonts` option. If you decide to use the `tc` fonts, please do not use an ugly construct like  $\mu\text{m}$ .

The symbol  $\%_{00}$  is not taken from the `tc` fonts, as there is no equivalent glyph for sans serif fonts. You may use the symbol `NA` for “numerical aperture”. These symbols work both in text and math mode.

## 3 Header

The template provides commands to typeset the header: `\year`, `\title`, `\author`, `\affiliation`, `\contactmail`, and `\abstract`. Please see the  $\text{\TeX}$  source of this document on how to use them.

If the authors belong to different organizations the affiliation is marked with an asterisk (\*). Each article should have only one contact mail address. The tag `mailto:` is inserted automatically to make it a clickable link in the PDF document.

## 4 Figures

Figures are included using the `\columnfigure` command. It is used like this:

```
\columnfigure[width]{file}{caption}
```

Figures do not float. They are included in the text at the same place where you put them.



**Fig. 1** The DGaO logo. Images should not be wider than one column. (The width is an optional parameter.)

The parameter `width` specifies the horizontal scaling of the image. If possible please scale figures so that they are not wider than one column. This command also automatically sets a label which consists of `fig:` followed by the filename. For each figure there should be a reference in the text. See Fig. 1 for an example.

Please use vector graphic formats (like EPS) for diagrams or sketches. Of course you can use bitmaps (e.g. PNG), but this may affect the quality of the image. The images may be in full 24 bit color.

## 5 Tables

Tables are typeset using the `columnstable` environment. It is used like this:

```
\begin{columnstable}{spec}{caption}{label}  
\end{columnstable}
```

Method	1 <sup>st</sup> Result	2 <sup>nd</sup> Result	3 <sup>rd</sup> Result
Old	...	...	...
New	...	...	...

**Tab. 1** Comparison of results

Here, `spec` is the column specification (like the `tabular`-environment), `caption` is the table caption printed below the table and `label` is a user-defined label, which you can use for cross-references. See Tab. 1 for an example.

## 6 Bibliography

You may use standard  $\text{\LaTeX}$  bibliographies, by applying the `thebibliography` environment. The en-

tries of the bibliography are numbered in brackets and cited like this [1].

### 6.1 Citing DGaO Proceedings

Citations of articles published with the DGaO Proceedings need to include the *year* of publication and the *number* of the presentation (e. g. A13, P45). Do *not* include the page number of the abstract in the conference booklet. The presentation number serves as “page number”. You may include the URL <http://www.dgao-proceedings.de>. Do *not* link the URL of a PDF file directly, since the file location may change in the future. Examples (see also [2]):

Short version:

[1] C. Richter and G. Häusler, “Highly improved measurement speed of white light interferometry,” Proc. DGaO, p. A4 (2005).

Long version:

[1] C. Richter and G. Häusler, “Highly improved measurement speed of white light interferometry,” 106<sup>th</sup> conference of the DGaO, Wrocław (Poland), p. A4 (2005). URL <http://www.dgao-proceedings.de>

The URL is turned into a clickable link in the PDF document.

### 6.2 Using BibT<sub>E</sub>X

You may also use BibT<sub>E</sub>X. The DGaO Proceedings use the OSA style (`osajnl.bst`) for bibliographies.

## 7 Web links

If you want to insert web links into your text, please mark them accordingly, e. g. with a typewriter font. Always write the complete web address including the protocol tag, e. g. `http://www.dgao.de`. This is necessary because web links in the text are automatically converted to “clickable” links later.

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## 10 Support

If you have questions, feel free to contact:

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## References

- [1] F. Mittelbach and M. Goossens, *The L<sup>A</sup>T<sub>E</sub>X Companion*, 2nd ed. (Addison-Wesley, 2004).
- [2] C. Richter and G. Häusler, “Highly improved measurement speed of white light interferometry,” 106<sup>th</sup> conference of the DGaO, Wrocław (Poland), p. A4 (2005). URL <http://www.dgao-proceedings.de>.