

# tcolorbox-Poster using TU Darmstadt's Corporate Design



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

Image

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## Intro

The document class tudasciposter is based on the tcolorbox package by Thomas F. Sturm. This document is an example for an academic poster using the Corporate Design of TU Darmstadt.

Different box types are shown in this document. They are only for demonstration.

## Title

There are macros like `\title`, `\author`, `\institute` and `\titlegraphic` for the title block. `\titlegraphic` is right-aligned under the TUDa logo and `\linewidth` is the width of the TUDa logo.

There are also `\setqrcode` and `\setfoot` for the footer. An example of this is in DEMO"=TUDaSciPoster.tex.

This is then passed with the standard macro `\maketitle`.

## Footer

The footer can be switched off with `footer=false` but then additional title data with `\thanks` will not be displayed. Basically `footer=true`.

Further macros are `\footer`, `\footergraphics` for logos and `\footerqrcode` that can specify a URL, which is then placed in the bottom right corner as a QRCode.

The footer arises from `\thanks`. It has the width of the type area minus the logos/QR code.

## Placement of boxes

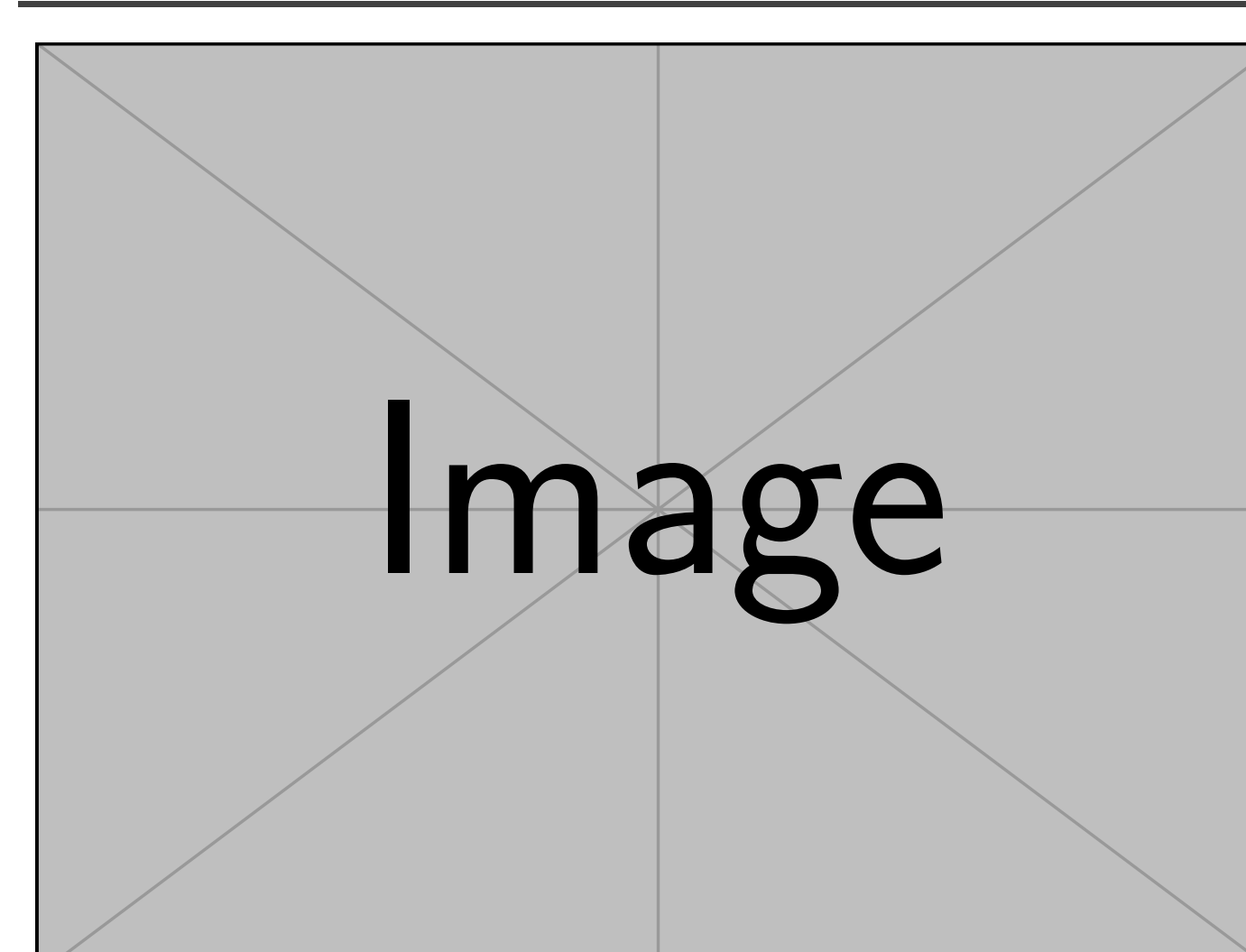
It is an additional step, but the boxes are positioned manually in the poster library of the tcolorbox package. This not only allows a nicer alignment of the boxes, but also simplifies the positioning of cross-references. See also tcolorbox documentation.

## TUDa-boxed style

Boxes are preset according to official specifications but sometimes it is necessary to design these individually. This can be defined with the global class option `boxstyle=boxed` or the local style TUDa-boxed.

## Colored box

This colored box can be defined with the global class option `style=colored` or the local style TUDa-colored. It is very similar to boxed and official.



**Fig. 1:** An example image in a box without title (boxed-notitle) where TUDa style and TUDa-colored are identical.

An example of the boxed style without title.

## Relative positioning

This box is placed between notitle box and verweis box

## Box with reference

An example box with an arrow that links two boxes together or generates a read branch.

## Paper size

The paper format can be determined using the class option `paper`. The formats in tudasciposter are A0, A1, A2 and A3.

`paper=a0`

Default is a0.

The orientation can also be defined using the `paper` option. Landscape format is created with `paper=landscape`.

If a larger design is to be changed to a smaller one, it is recommended to scale when printing. Otherwise, the PDF file can be converted using packages like pdfpages. However, it should be noted that changing the paper format does not represent scaling.

Image

Image

Image

