# The presentation title goes here

**Author**

Date or event

# Different background

**Author**

Date or event

# Or even a plain color, especially if your title is very long and leaves no space for what's behind the colored box

**Author**

Date or event

# Outline

1. Layout

2. Text and colors

3. Blocks and boxes

4. Figures and tables

5. URLs and links

# Outline

## 1. Layout

2. Text and colors

3. Blocks and boxes

4. Figures and tables

5. URLs and links

# Title page

The title page text is filled in based on the information that you provide with the commands

```
\title{The presentation title goes here}
\date[Short date or event]{Date or event for the title page}
\author{Author}
\institute[Short Organizational Unity]{Organizational Unit\\can spread over 2 lines}
```

`[Short date or event]` and `[Short Organizational Unit]` are used in the footline and cannot spread over 2 lines.

You can include a logo of the organizational unit using

```
\institute[Automatic Control Laboratory]{\includegraphics[height=4mm]{elements/ifa_logo}}
```

# Cover image

The cover image can be changed by using the command \def\titlefigure{...} before
\titleframe, as long as the figure as a 2:1 aspect ratio.
For example:

\def\titlefigure{elements/title-page-image-alt}

You can use a low-resolution version of the standard cover image if you prefer a smaller file

\def\titlefigure{elements/title-page-image-web}

If you want a solid color, use \def\titlefigure{}

# Aspect ratio

The official ETH template only comes in 16:9.
You can obtain 4:3 slides by passing the option `aspectratio=43`

```
\documentclass[11pt,aspectratio=43]{beamer}
```

In this case, you probably want to use the cover image
`\def\titlefigure{elements/title-page-image-43}` or any other image in 14:10 aspect ratio, for example `\def\titlefigure{elements/title-page-image-alt-43}`

# Outline

# Font size

The font sizes match the official ETH template quite accurately when the default option `11pt` is used.

You can get slightly smaller or larger text by passing the options `10pt` or `12pt`, respectively.

```
\documentclass[10pt,aspectratio=169]{beamer}
\documentclass[11pt,aspectratio=169]{beamer} % default
\documentclass[12pt,aspectratio=169]{beamer}
```

You can also fine-tune the font sizes by modifying the `beamerfontthemeeth.sty` file.

## Colors

You need to pick these colors

- `titlefgcolor` (the box on the title page)
- `titlebgcolor` (the background on the title page, in case you don't use an image)
- `accentcolor` (alert text, blocks)

Use these commands at the beginning of the document

```
\colorlet{titlefgcolor}{ETHblue}
\colorlet{titlebgcolor}{ETHblue!60!black} % Use only multiples of 20%
\colorlet{accentcolor}{ETHred}
```

| | |
|---|---|
| ■ ETHblue | ■ ETHpetrol |
| ■ ETHgreen | ■ ETHbronze |
| ■ ETHred | ■ ETHpurple |
| ■ ETHgray | |

Old ETH colors (`ETH1`, ..., `ETH9`) are deprecated and should not be used.
They are available as `oldETH1`, ..., `oldETH9` for backward compatibility.

# Title
Subtitle

Text and some **alert text**

$$m_a^\top h(\cdot)$$

- list one
- list another one
    - test 1
    - test 2

# Outline

# Title with no subtitle

## Large box

Notice that blocks are a bit larger than the text, that's intended.

Column environments also eat some margins. Use the option `[onlytextwidth]` if you want to align columns to the wide blocks.
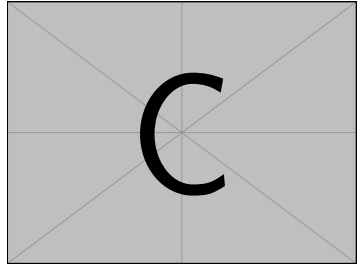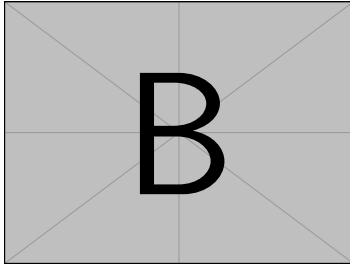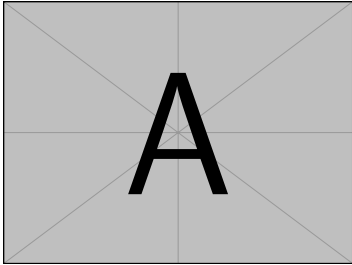
## Small box

With some more text

Think outside the box!

# Outline

And, of course, figures!

# Free overlay

The package `textpos` is also enabled in case you want to overlay content freely in the slide.

This text is located at position (1,3):
\begin{textblock}{3}(1,3) ... \end{textblock}
(1 unit equals to the left text margin)



The upper left corner of this image is at the slide center point:
\begin{textblock*}{40mm}(0.5\paperwidth,0.5\paperheight)
    \includegraphics[width=20mm]{example-image-a}
\end{textblock*}

# Tables
Don't use vanilla LaTeX tables please

| Item | | |
|---|---|---|
| Animal | Description | Price ($) |
| Gnat | per gram | 13.65 |
| | each | 0.01 |
| Gnu | stuffed | 92.50 |
| Emu | stuffed | 33.33 |
| Armadillo | frozen | 8.99 |

# Outline

# Clickable links

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation...

http://control.ee.ethz.ch
Automatic Control Laboratory ↗
name@ethz.ch

**ETH** *zürich*

Professor John Doe
Role of person giving presentation
beat.muster@abcd.ethz.ch

ETH Zurich
Organisational unit
Building Room
Street House number
0000 Town, Country
http://www.abcd.ethz.ch

You can edit the content of the `closingframe` environment to design your own closing frame. Example:

AUTOMATIC
CONTROL
LABORATORY

**Author name**
name@ethz.ch