

# HELMHOLTZ AI

SUPER AWESOME PROJECT TITLE

Subtitle

Max Mustermann

Helmholtz Center ABC / YYYY-MM-DD

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# USAGE

1. Download all files from Github
2. Edit `slides.tex` with your favorite editor
3. Compile the slides by either:
  - 3.1 Typing `make` or `latexmk` in the directory of `slides.tex` or
  - 3.2 Using a LaTeX IDE like TeXstudio
4. Note: make sure to use LuaLaTeX or XeLaTeX (default in `make/latexmk`) as compiler

# MAIN SLIDE TITLE

Subtitle with more details

- Standard bullet **point** can be created with the `itemize environment`
- They can have multiple sub-point
  - As can be seen here
  - Or here
  - The ordering is unimportant

# EQUATIONS

$$f(x) = \sum_i w x_i^2 + \frac{\beta}{2}$$

# COLUMNS AND FIGURES

1. Columns allow you to have side-by-side content
2. Each column itself is its own mini-slide
3. Figures can be imported by path
4. Scaling can be done relative to text width, height or initial size



Karlsruher Institut für Technologie

Source: Karlsruhe Institute of Technology

# SOURCE CODE

```
import numpy as np

def foo(a, b):
    """
   asd
    """
    return a + b + 1
```

# CITATIONS

- Using the usual `cite` command [1]
- Using `fullcite`:

Charlotte Debus et al. "Reporting electricity consumption is essential for sustainable AI". In: *Nature Machine Intelligence* 5.11 (2023), pp. 1176–1178. DOI:  
[10.1038/s42256-023-00750-1](https://doi.org/10.1038/s42256-023-00750-1)

# COLORS

## Basic Definitions

Color	Name
	hgblue
	hglightblue
	hgdarkblue
	hgfmint
	hghighlight
	hgfpale
	hggreen
	hggray
	hg aerospace (short: hgfast)
	hg earth and environment (short: hgfee)
	hgenergy
	hghealth
	hg information (short: hginfo)
	hgmatter

# COLORS

## Shades

*For each color there exist 10 lighter shades, exemplary for hgfblue*

Color	Name
	hgfblue10
	hgfblue20
	hgfblue30
	hgfblue40
	hgfblue50
	hgfblue60
	hgfblue70
	hgfblue80
	hgfblue90
	hgfblue

# BLOCKS

## block

This is how a regular block looks like

## exampleblock

An example block is styled differently.

## alertblock

Alert blocks can draw attention to critical information

# SECTIONS LOOK LIKE THIS

# URLS AND FONTS

- There are raw links with the full URL <https://www.google.com>
- You can add also links with names [Google](#)
- You might also want to write in **HERMANN BOLD** - Helmholtz's title font<sup>1</sup>

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<sup>1</sup>With footnotes like this.

# ON-SLIDE REFERENCES AND COLLABORATORS

# REFERENCES I

- [1] Charlotte Debus et al. "Reporting electricity consumption is essential for sustainable AI". In: *Nature Machine Intelligence* 5.11 (2023), pp. 1176–1178. DOI: [10.1038/s42256-023-00750-1](https://doi.org/10.1038/s42256-023-00750-1).