beamertheme-niederrhein

Documentation and examples

Version 1.6



Installation

Two ways to load the package:

- Installed via CTAN/TeX Live: `\usepackage{beamertheme-niederrhein}` is enough.
- Kept locally next to your own `.tex` file (no CTAN installation): `\usepackage{beamertheme-niederrhein}` still works as long as `beamertheme-niederrhein.sty` and `hsnr-logo.png` sit in the same directory.
- The logo is always loaded from the external file `hsnr-logo.png` (any engine: pdfLaTeX, XeLaTeX, LuaLaTeX). Override it with `\logofile{...}` if needed.
- The theme does not load biblatex itself – load it in your own preamble with the backend and style of your choice, then call `\addbibresource{...}`. See this document's own preamble for a working setup.

See README.md for the full installation path.

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Basic Slide Types

Title Slide and Section Divider

Two commands structure a slide deck:

- `\titleslide{Title}{Subtitle}{Author}` – this slide was produced with it.
- `\sectionslide{Text}` – produces a full-page section heading like the previous slide.

Content Slide, Source Line, and Citations

Ordinary content slides are plain `frame` environments:

- Text is not bold by default.
- Citations with `\parencite{key}`, e.g. (Kuhn, 2018) or (Meier and Schmidt, 2021).
- For long content, use `[allowframebreaks]` and `\framebreak`.

Image Slides

Two images: \twoimages

\twoimages{Title}{Image1}{Image2}{Caption} – portrait and landscape images are both fitted automatically.

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Three images: \threeimages

\threeimages{Title}{TopLeft}{TopRight}{Bottom}{Caption}

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Four images: \fourimages

\fourimages{Title}{TopLeft}{TopRight}{BottomLeft}{BottomRight}{Caption}

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Image Slides – Notes

All three image-slide commands share the same conventions:

- There is exactly **one** shared caption for the whole slide, never a caption per image.
- Each image keeps its aspect ratio via `keepaspectratio` and is constrained to the available space.

References I

- Hochschule Niederrhein (2026). *Fachbereich Wirtschaftsingenieurwesen*. URL: `https://www.hs-niederrhein.de` (visited on 08/27/2026).
- Kuhn, Thomas (2018). *Grundlagen der App-Entwicklung*. Wiesbaden: Springer Vieweg.
- Meier, Julia and Peter Schmidt (2021). “Walk-Forward-Validierung in quantitativen Handelssystemen”. In: *Zeitschrift für Betriebswirtschaft* 91.4, pp. 455–479.

Further Notes

Three points that matter in practice:

- The title slide, section divider, and logo use a TikZ overlay – compile twice after any change, otherwise text is missing on these slides.
- Bibliography: `pdflatex`, `bibtex8`, `pdflatex`, `pdflatex` – in this order.
- Print the theme's version with `\version` resp. `\themeversion`: currently version 1.6.
- `\shortauthor{...}` prints exactly what you give it – include "Prof. Dr." or any other title yourself if you want it in the footline.