

# An Introduction to the UT Beamer Theme

Gezhi Xiu

Complexity Research Group,  
Peking University

July 24, 2019

# Installation

Make sure that the following files are available to tex

- ▶ beamerthemeut.sty
- ▶ beamerthemeutresources.pdf

(One way to make them available to tex is to put them in a directory together with your tex file.)

# A Minimal Example

```
\documentclass{beamer}
\usetheme{ut}

\title[UT Beamer]{A UT Beamer Theme}
\author[J.~Goseling]{Jasper Goseling}
\institute[UT-EWI-SOR]{Stochastic Operations Research
  Group,\, University of Twente}
\date[12-05-2011]{May 12, 2011}

\begin{document}

\maketitle

\begin{frame}\frametitle{Title}
Content.
\end{frame}

\end{document}
```

Compile with xelatex or pdflatex. If compiled with xelatex (recommended) the Arial Narrow truetype/opentype font needs to be available.

# Style Options

- ▶ `uttittlepage=[true,false]`, default `true`: If `false`, use the default Beamer title page
- ▶ `titlepage=[A,B,C,D]`, default `A`: Select a title page layout, in particular background graphics
- ▶ `euler=[true,false]`, default `true`: Selects Euler as the math font
- ▶ `debug`, not enabled by default: Draws boxes on the title page to facilitate layout

Example: `\usetheme[titlepage=B,euler=false,debug]{ut}`

utbeamerset{optiona=valuea, optionb=valueb, optionc=valuec}

# Layout of the Title Page

- ▶ The title page consists of three boxes, A, B and C. Box A contains the title and subtitle. Box B contains the author names, affiliations and date. Box C contains the titlegraphic. The boxes are positioned absolutely on the page. The position and the size of the boxes can be adjusted with the `\utbeamerset` command. Box A has top left coordinate `(tpboxax,tpboxay)`, width `tpboxawd` and height `tpboxaht`. All sizes and positions are in mm.
- ▶ Overview of all options that can be used in `\utbeamerset`: `tpboxax`, `tpboxay`, `tpboxawd`, `tpboxaht`, `tpboxbx`, `tpboxby`, `tpboxbwd`, `tpboxbht`, `tpboxcx`, `tpboxcy`, `tpboxcwd`, `tpboxcht`.
- ▶ By default the boxes themselves are not visible. By using the option `debug` (`\usetheme[debug]{ut}`) the boxes are visible, facilitating the layout.

# Fonts

Use xelatex to get Arial fonts.

# Feedback

Feedback is greatly appreciated.  
Jasper Goseling (j.goseling@utwente.nl)



# A Normal Frame

A list

- ▶ First item
- ▶ Second item

## A Block

Content of the block.

# Testing the Math Font

$$\alpha, \beta, \gamma, 1, 2, 3, \int_a^b f(x) dx, \sum_{i=1}^N, \mathbb{E}[X].$$