

Dynamical Statistical Forecast of Alpine Snow Amounts

This here is a subtitle which I never used in the poster theme.

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Introduction

This is just a **demo of the \LaTeX** beamer poster template for **portrait** posters. Conference posters in **portrait** come with two columns (left and right) to present **your results and findings**. This demo **shows some of the features** which are available in this \LaTeX theme.

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Bullet Lists Provided

The **poster theme** also provides styling for bullet point lists.

- Level 1
 - Level 2
 - Level 3
- Colors can also be used for items in lists ...
- **such as this one** ...
- **or this one.**

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Methodology

The equation below is the famous **Drake equation** to illustrate how \LaTeX equations look within this poster theme. N is the estimated number of active and communicative extraterrestrial civilizations in the Milky Way and can be expressed as follows:

$$N = R_* \cdot f_p \cdot n_e \cdot f_l \cdot f_i \cdot f_c \cdot L \tag{1}$$

- R_* : average rate of star formation in our galaxy,
- f_p : the fraction of formed stars that have planets,
- n_e : for stars that have planets, the number of planets that can potentially support life,
- f_l : the fraction of those planets, that actually develop life,
- f_i : the fraction of planets bearing life on which intelligent, civilized life, has developed,
- f_c : the fraction of these civilizations that have developed communications, i.e., technologies that release detectable signs into space, and
- L : the length of time, over which such civilizations release detectable signals.

Center Column for Landscape Posters

If you ever wondered how the cumulative distribution function of the generalized logistic distribution type I would look like: here it is.

$$F(x; \alpha) = \frac{1}{(1 + e^{-x})^\alpha} = (1 + e^{-1})^{-\alpha}, \quad \alpha > 0 \tag{2}$$

- $F(x; \alpha)$: cumulative distribution function
- α : skewness parameter

Another equation to fill the space here:

$$\frac{\partial}{\partial t}(\rho \mathbf{u}) + \nabla \cdot (\rho \mathbf{u} \otimes \mathbf{u}) = -\nabla \cdot p \mathbf{I} + \nabla \cdot \boldsymbol{\tau} + \rho \mathbf{g} \tag{3}$$

... which is the Navier-Stokes equation. If you find an analytic solution you might get a quite nice price!

Content Block With Example Figure

A very simple statistical graph to demonstrate how the figure includes look like in the beamer style and to fill the content such that the demo content looks a little bit nicer.

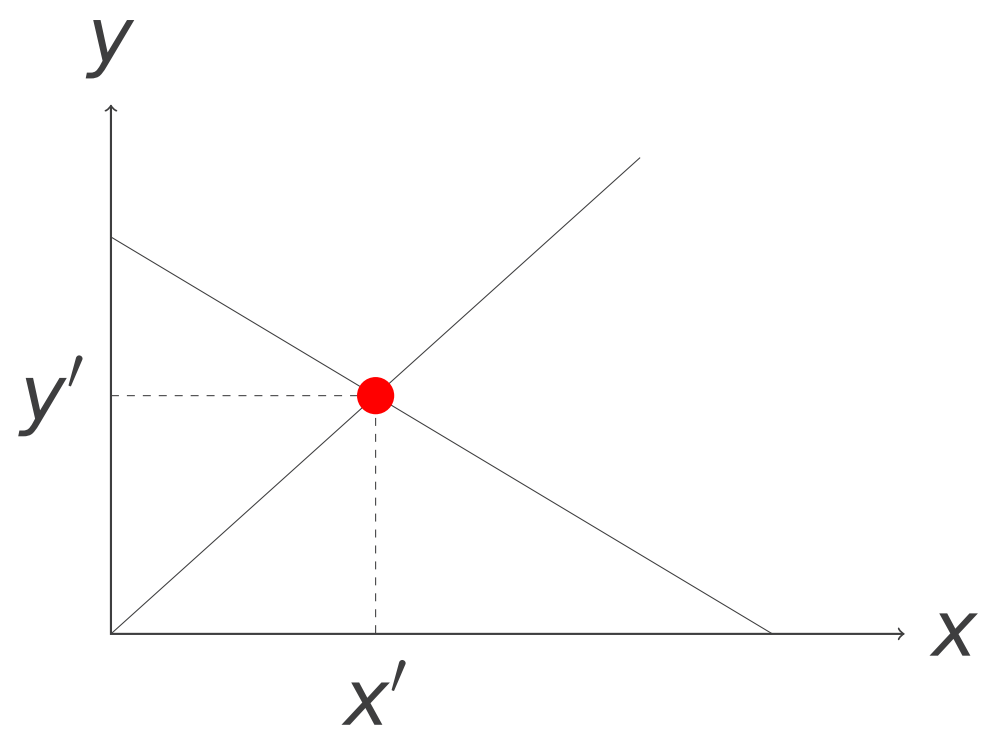


Figure 1: This is just an example figure to demonstrate how figure includes with captions look like.

Center Column for Landscape Posters

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Supported Text Styles and Colors

Both, **bold face** and *italic* styles are supported by the poster theme. Beside text styles a set of default colors and commands which can be used. These colors are based on the colors of the corporate design of our university.

Available colors:

- blue (uibkblue)
- light blue (uibkblue1)
- orange (uibkorange)
- light orange (uibkorangel)
- gray (uibkgray)
- medium gray (uibkgraym)
- light gray (uibkgray1)

Available commands:

command	output example
<code>\fct{...}</code>	example()
<code>\class{...}</code>	"example"
<code>\pkg{...}</code>	example
<code>\email{...}</code>	email
<code>\doi{...}</code>	doi:example
<code>\file{...}</code>	example
<code>\dataset{...}</code>	example

Table 1: Commands provided by the "beamerstyleuibk" template.

All commands using verbatim (`\email`, `\doi`, `\file` and `dataset`) use a highlight color which can be adjusted by including e.g., in the preamble if required.

Take Home Message

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References:

Mustermann, M. and Demoman F.C., 2017: A Fake Reference to Demonstrate How This Could Look like. \LaTeX poster template demo, 0(0), 666-999.

Acknowledgements:

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