

# On The Explosion of Large Death Stars

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# Overleaf users

## Warning

You can ignore this slide if you're **not** working with Overleaf.

Overleaf, Beamer and Biber do not always get along well together. For this reason, if you make a mistake while writing this presentation, in the drop-down error message you'll **always** get Biber-related error messages.

Luckily, you just have to click on “go to first error/warning” and the UI will scroll to the line containing your mistake.

# Compiling

## Warning

You can ignore this slide if you **are** working with Overleaf.

To compile this deck you'll need the `biber` package. Probably your  $\text{\TeX}$ editor already supports it; if not, you will easily find online the instructions to install it.

If you're not using an editor, you can compile this presentation using the command line by running:

```
$ pdflatex main.tex
$ biber main.bcf
$ pdflatex main.tex
$ pdflatex main.tex
```

# Colors

For this template we defined two colors:

You can use these colors as you want in your presentation. For example, you can **color the text in orange** by writing `\textcolor{IMSOorange}{my green text}`.

We also redefined many of the most common L<sup>A</sup>T<sub>E</sub>X and Beamer commands, like `itemize`, `block`, etc. You will see samples of these commands in the following slides.

# This is a page with a title and a subtitle

And also some blocks.

## Goal of the mission

Shoot in the Death Star's exhaust port and destroy it before it can fire on the Rebel base.

## Take care!

TIE Fighters may chase you while approaching the target.

## Use the force you must

Remember your training with Obi-Wan, and use the Force to make the perfect shot.

# Enumerates and itemizes

This is an example of `itemize`.

- ▶ A long time ago in a galaxy far, far away...

And this is an example of `enumerate`.

1. Go to the Death Star.
2. Find the exhaust port.
3. Make the perfect shot.
4. Become a hero.

# Description

This is an example of description.

Luke No. No! That's not true! **That's impossible!**



# Description

This is an example of description.

Vader *I am* your father.

Luke No. No! That's not true! **That's impossible!**

# Description

This is an example of description.

Vader *I am* your father.

Luke No. No! That's not true! **That's impossible!**

And while we're here, let's have a look to `verbatim` as well, to see how we made items appear in arbitrary order:

```
\begin{description}  
  \item<2->[This is the first item - appears after] one  
  \item<1->[This is the second item - appears first] two  
\end{description}
```

# Maths

A formula will look like this:

$$x^2 + y^2 = z^2$$

You can number equations as well:

$$1 + 1 = 2 \tag{1}$$

$$1 + 1 = 2 \tag{custom label!}$$

If you want to use the sans serif math fonts, or use a serif font for the main text, just go to `beamerfontthemeims.sty` and select the indicated font option.

# Theorems

The usual theorem, corollary, definition, definitions, fact, example and examples blocks are available as well.

## Theorem

*There exists an infinite set.*

## Proof.

This follows from the axiom of infinity.



## Example (Natural Numbers)

The set of natural numbers is infinite.

# Other blocks

Here we display examples of abstract, verse, quotation, and quote.

## Abstract

This is an abstract.

*This is a verse.*

*This is a quotation.*

*A quote this is.*

*-Han Solo*

*-Yoda*

# Bibliography

You can cite an article

- ▶ normally using `\cite`, e.g.: **(article1)**
- ▶ or display the full citation using `\fullcite`, e.g.: **article1**

*(n.d.) stands for "no date". `year={A long time ago...}` is not a date that should be specified in bibliography anyway.*

Look at the code of the following slide to see how to automatically split the bibliography on many slides. You can also use `\nocite{*}` to display the non-cited publications as well.

# Bibliography I

# Framecard

You can display a frame with a colored background and a huge text in the center using the command `\framecard`.

For example, you can write:

```
\framecard{A SECTION\\TITLE}
```

This will display a frame with a blue background and the phrase "A SECTION TITLE" in the center. You can also use a custom color with `\framecard`:

```
\framecard{A SECTION TITLE}  
\framecard[IMSOorange]{A SECTION TITLE\\  
WITH A CUSTOM COLOR}
```

You can see the results of the commands above in the following slides.



# Framepic

You can display a frame with a background image using the command `\framepic`. The image will be **adapted vertically** to fit the the frame.

For example, you can write:

```
\framepic{graphics/darth}{  
  \framefill  
    \textcolor{white}{Luke,\\I am your supervisor}  
    \vskip 0.5cm  
}
```


Alternatively, to make the background 50% transparent, you can write

```
\framepic[0.5]{graphics/darth}...
```

You can see the results of the commands above in the following slides.

graphics/darth

[0.5]graphics/darth

**Right-aligned text with  
Semi-transparent background** 

## Other bonus commands I

We provide two other bonus commands:

**pdfnewline** you can use `\pdfnewline` to avoid the annoying hyperref related warnings when using newlines in the document's title, author, etc. For example, in this presentation the author is defined as:

```
\author[Luke Skywalker]{  
  Luke Skywalker, Ph.D.  
  \pdfnewline  
  \texttt{luke.skywalker@umu.se}  
}
```

**marker** you can use `\marker` to highlight some text. The default color is orange, but you can also [IMSB]use a custom color. For example:

```
\marker{Default color}  
\marker[IMSB]{Custom Color}
```

**framefill** you can use `\framefill` to put the text at the bottom of a slide by filling all the vertical space.