



Department of Physics, University of Udine

---

# On The Explosion of Large Death Stars

Luke Skywalker, Ph.D.  
luke.skywalker@uniud.it

May 25, 1977



- 1 Compiling
- 2 Colors
- 3 Blocks
- 4 Enumerates, itemizes and description
  - 4.1 Enumerates and itemizes
  - 4.2 Description
- 5 Maths
- 6 Other blocks
- 7 Bibliography and Publications
- 8 Bonus Commands



## Warning

You can ignore this slide if you're 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
```



For this template we defined four colors, following the Style Manual of the University of Udine:

- UniOrange
- UniBlue
- UniBrown
- UniGold

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

We also redefined many of the most common  $\text{\LaTeX}$  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 the 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 shoot.



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 an hero.



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!**





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] one
  \item<1->[This is the second item] two
\end{description}
```



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 default  $\text{\LaTeX}$  math fonts, just go to `beamerfontthemeuniud.sty` and uncomment the line containing `'\usefonttheme[onlymath]{serif}'`.



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.



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

### Abstract

This is an abstract.

*This is a verse.*

*This is a quotation.*

*-Han Solo*

*A quote this is.*

*-Yoda*



You can cite an article

- normally using `\cite`, e.g.: (Erso 0BBY)
- or display the full citation using `\fullcite`, e.g.: Galen Erso (0 BBY). “Construction plans of the Death Star 1 Orbital Battle Station”. In: *Journal of Horrible Plot Flaws 2*, pp. 1977–2015

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.



Ackbar, Gial (12 ABY). “It’s a trap! How to avoid common L<sup>A</sup>T<sub>E</sub>X mistakes”. In: *Proceedings of the 42<sup>nd</sup> Intergalactic Conference on Overused Internet Memes*.

Erso, Galen (0 BBY). “Construction plans of the Death Star 1 Orbital Battle Station”. In: *Journal of Horrible Plot Flaws 2*, pp. 1977–2015.

Smith, John (2017a). “A repeated article just to show you a multiple slide bibliography”. In: *Proceedings of the First conference on Placeholder Documents*.

– (2017b). “A repeated article just to show you a multiple slide bibliography”. In: *Proceedings of the First conference on Placeholder Documents*.

– (2017c). “A repeated article just to show you a multiple slide bibliography”. In: *Proceedings of the First conference on Placeholder Documents*.



## Bibliography II

Smith, John (2017d). "A repeated article just to show you a multiple slide bibliography". In: *Proceedings of the First conference on Placeholder Documents*.



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 an orange background and the phrase "A SECTION TITLE" in the center. You can also use a custom color with `\framecard`:

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

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



# A SECTION TITLE

A SECTION TITLE  
WITH A CUSTOM  
COLOR



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.



Luke,  
I am your supervisor

A full-body image of Darth Vader from Star Wars, standing and holding a glowing red lightsaber. He is wearing his iconic black helmet and cape. The background is a dark, smoky, reddish-brown color. Overlaid on the image is red text that is right-aligned and set against a semi-transparent black background.

**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@uniud.it}  
}
```

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

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



## Other bonus commands II

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