

IMS Innovation Group

On The Explosion of Large Death Stars



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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.

Warning

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

To compile this deck you'll need the `biber` package. Probably your T_E Xeditor 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 two colors:

- IMSBlue
- IMSOrange

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

We also redefined many of the most common \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 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}
```

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.

-Han Solo

A quote this is.

-Yoda

Bibliography

You can cite an article

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

(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

Gial Ackbar (n.d.). “It’s a trap! How to avoid common \LaTeX mistakes”. In: *Proceedings of the 42nd Intergalactic Conference on Overused Internet Memes*.

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

John Smith (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*.

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

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.

A SECTION TITLE

**A SECTION TITLE
WITH A CUSTOM COLOR**

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.



Luke,
I am your supervisor

A full-page image of Darth Vader from Star Wars, holding a glowing orange lightsaber. The image is semi-transparent, allowing the text to be visible over it. The background is a mix of dark grey and reddish-brown hues.

**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 **use a custom color**. For example:

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

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