

# CCRMA Beamer Template

## Sample Presentation



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## 1. Intro

The Basics

Including Audio/Video

## 2. Outro

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The Basics

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## 2. Outro

# First page

- ▶ You say **yes**
  - ▶ ...
- ▶ I say

$$e^{j\pi} == 1?$$

# Second page

1. You say goodbye
2. and I say

$$X(\omega_k) = \sum_{n=0}^{N-1} x(n)e^{-j2\pi kn/N} \quad (1)$$

$$z \in \mathbb{C} \quad (2)$$

## Further details (about video)

Multimedia package test: can you hear this?



Since so far only Adobe has implemented embedded AV playback, you will need to use Acrobat as the viewer (haven't tested on Windows, but on OS X neither Preview nor Skim could play them).

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General block title

An idea<sup>1</sup>

Example (ex. 1)

For example ...

Alert title

**Or an alert!**

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<sup>1</sup>don't use titles if not needed



# Example of a table

<b>Name</b>	<b>x</b>	<b>y</b>
$\alpha$	8	10
$\eta$	9	9

You can also omit the footer of a page by passing the `plain` option to the frame.

# How to include an image

You can insert images the traditional  $\text{\LaTeX}$  way



Figure : Who's logo is this?

# Absolute positioning

Or you can use absolute positioning, via the `texpos` package



# Code

To include code, use the `listings` package as usual, but you'll need to pass the `fragile` option to the frame.

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```
import this
The Zen of Python, by Tim Peters

Beautiful is better than ugly.
Explicit is better than implicit.
Simple is better than complex.
Complex is better than complicated.
Flat is better than nested.
Sparse is better than dense.
Readability counts.
Special cases aren't special enough to break the rules.
Although practicality beats purity.
Errors should never pass silently.
Unless explicitly silenced.
In the face of ambiguity, refuse the temptation to guess.
There should be one-- and preferably only one --obvious way to do it.
Although that way may not be obvious at first unless you're Dutch.
Now is better than never.
Although never is often better than *right* now.
If the implementation is hard to explain, it's a bad idea.
If the implementation is easy to explain, it may be a good idea.
Namespaces are one honking great idea -- let's do more of those!
```

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# Using columns in a frame

This is content of the first column. You can use as many columns as you like, using the `columns` environment in `beamer`

In the second column you can do whatever you want, like adding an image for example.



Showing bullets one at a time

- ▶ Item 1

Showing bullets one at a time

- ▶ Item 1
- ▶ Item 2

Showing bullets one at a time, with a custom text for each

- ▶ Item 1

Definition

Custom text for item 1.



Showing bullets one at a time, with a custom text for each

- ▶ Item 1
- ▶ Item 2

Definition

Custom text for item 2.

# First Extra slide

This is an extra slide, so it won't affect the page count displayed at the bottom of the main presentation. Basically, the page counter is reset here.

# As many as you want

And this  $\triangleq \mathbb{R} \dots$