CCRMA Beamer Template

Sample Presentation

Author One
Author Two
Author Three

CCRMA
Department of Music
Stanford University

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1. Intro
    - The Basics
    - Including Audio/Video

2. Outro

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First page

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

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

Second page

1. You say goodbye
2. and I say

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

$$z \in \mathbb{C} \tag{2}$$

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[1]

Example (ex. 1)

For example ...

Alert title

Or an alert!

[1] don't use titles if not needed

Example of a table

Name	x	y
α	8	10
η	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 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.

```
X0,...,N-1 <- ditfft2(x, N, s):
if N = 1 then
    X0 <- x0
else
    X0,...,N-/21 <- ditfft2(x, N/2, 2s)
    XN/2,...,N-1 <- ditfft2(x+s, N/2, 2s)
    for k = 0 to N-/21
        t <- Xk
        Xk <- t + exp-(2 PI i k/N) Xk+N/2
        Xk+N/2 <- t - exp-(2 PI i k/N) Xk+N/2
    endfor
endif
```

```
DFT of (x0, xs, x2s, ..., x(N-1)s):

    trivial size-1 DFT base case

    DFT of (x0, x2s, x4s, ...)
    DFT of (xs, xs+2s, xs+4s, ...)
combine DFTs of two halves into full DFT:
```

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.

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 $\triangleq \mathbb{R}$ ...