Main Title

Prof. Dr. John Doe

Departamento de Automática

Date

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Outline

Introduction

- Your introduction goes here!
- Use `itemize` to organize your main points.
  - up to 3 text levels with `itemize`
    - Indents increase level by level, font size decreases
      - Should you require more levels, use `description` instead of `itemize`.
        - Note: Please try not to write too much copy onto your slides.

- Regular **bold** *italics* `courier` **bold italics**.
- Description:

  Word   This is a nice description
  Another word   This is another nice description

- Enumeration:
  1. This is an alert
  2. This is another alert

Section Header 1

Version - white background

Section Header 2

Version - backgroundcolour gold

Section Header 3

Version - backgroundcolour grey

Title and Content - Black

- Especially for pictures like x-ray
- Enter explanation text - e.g. what can be seen in the picture

Title, subtitle and content

Enter subtitle here

Enter text, charts, pictures, ... here

Title, subtitle and content

Enter subtitle here

Enter text, charts, pictures, ... here

Figures

- You can upload a figure (JPEG, PNG or PDF) using the files menu.
- To include it in your document, use the `includegraphics` command (see the comment below in the source code).

Figura 1: Caption goes here.

Sample Chart

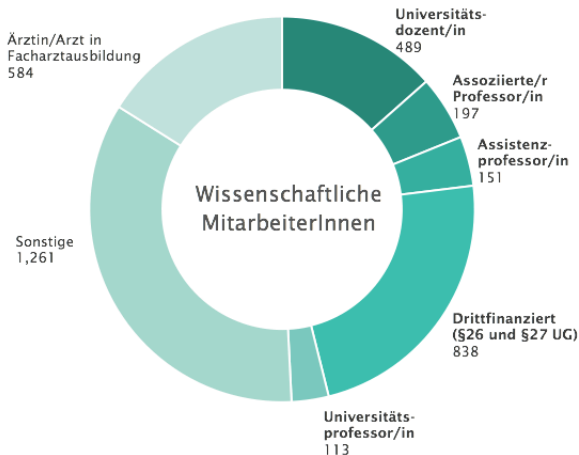## Insert charts as images

Figura 2: Caption

Two Columns

- Left column for content
  - Can contain text, charts, pictures, …

- Right column for content
  - Can contain text, charts, pictures, …

Comparison

Headline for left column

- Left column for content
  - Can contain text, charts, pictures, ...

Headline for right column

- Right column for content
  - Can contain text, charts, pictures, ...

Blocks

Block

Some examples of commonly used commands and features are included, to help you get started.

Example Block

Some examples of commonly used commands and features are included, to help you get started.

Alert Block

Some examples of commonly used commands and features are included, to help you get started.

Tables

Item	Quantity
Widgets	42
Gadgets	13

Cuadro 1: An example table.

Source code

Python

```
#!/usr/bin/python

print("Hello, world!")

for i in range(5):
    print(str(i) + ": Hi there")
```

```
#include <stdio.h>

int main()
{
    printf("Hello, world!\n");
}
```

Readable Mathematics

Let $X_1, X_2, \ldots, X_n$ be a sequence of independent and identically distributed random variables with $E[X_i] = \mu$ and $Var[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \cdots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.