

L<sup>A</sup>T<sub>E</sub>X

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# ASR Meeting

Welcome!

- ▶ Today: focus on practice (so very few slides)
- ▶ Before we start, some general info on  $\text{\LaTeX}$

# What is L<sup>A</sup>T<sub>E</sub>X?

- ▶ Typesetting system to produce professional documents
- ▶ Unlike Word, L<sup>A</sup>T<sub>E</sub>X:
  - separates **content** and **form**
  - generates PDF documents (not doc files)
  - is fast when dealing with long complex documents
  - looks really good (e.g., has appropriate spacing)
- ▶ [Here's a good article](#) on why L<sup>A</sup>T<sub>E</sub>X is a good idea

## Specific advantages

- ▶ Math and special symbols look great  
Also: precise non-linear structures
- ▶ Hyperlinks and cross-references just work
- ▶ Simple and effective reference management (next time)
  
- ▶ Even if you just write text, it will look better

# What can you do with $\text{\LaTeX}$ ?

- ▶ This is what I use  $\text{\LaTeX}$  for:

Articles

CV

Handouts

Exams

show/hide answers; sum points

Longer documents (thesis)

Slides

this presentation

Posters

Letters

- ▶ Basically anything that is static (PDF)

# Cons

1.  $\text{\LaTeX}$  can have a steep learning curve
2. Some journals still don't accept `tex` files (!)
3. Definitely not “in the culture” of some areas
4. Static documents

# A typical document

```
\documentclass{article}  
\begin{document}  
...  
\end{document}
```

# How do I start?

1. Download it [here](#) free

You'll download a package; one of the files is your editor

You can also use other (free or paid) editors

My personal favorite: [TexPad](#) (Mac)

2. Use it online [here](#) has a free option

Great for collaborating with other people



# Resources

- ▶ Google has hundreds of nice tutorials
- ▶ Everything you need can be found here:
  - [ShareLatex](#) (now OverLeaf): awesome video/written tutorials
  - [Wiki](#)
  - Forums such as [StackExchange](#)
- ▶ My website also has [some resources](#) (Linguistics)