LATEX template for LangTech courses taught at ÚFAL

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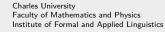
■ September 7, 2018













Outline

A section

Another section

A section

Outline

A section

Another section

How to use the template

```
\documentclass[handout,aspectratio=169]{beamer}
\usepackage[english]{babel}
\usepackage{ufalslides}
```

- Use handout option if you want to generate a handout without animations.
- Before you begin document, define what you want to appear in the title slide (see the next slide for more info).

Content of the title page

1. Define the content of the title page

```
\def\course{NPFL116 Compendium of Neural Machine Translation}
\def\courseurl{https://ufal.cz/courses/npfl000}
\def\title{Attention Mechanism}
\def\author{\ref{z}indich Libovick\ref{y}, \ref{z}indich Helcl} \def\date{March 1, 2017}
\def\licence{cc-by-nc-sa}
\def\langtech{} % shows the LangTech and the EU logo
\def\shownavigation{} % shows the navigation links in the bottom line
```

2. Generate the title slide using after beginning of the document by calling

\maketitle

Hint: Don't use **ř** in your code snippets, it will break.

Licence



cc-by-nc-sa



cc-by-cs-nd



cc-by-nc



cc-by-nd



cc-by-sa



cc-by

Specify licence by:

\def\licence{cc-by-nc-sa}

or omit the command entirely if you do not want to specify one.

Sections

Sections have a title slide. To disable the title slide do:

```
\AtBeginSection{}
```

You can generate an outline of the slides by:

```
\outline{Title of your outline slide}
\outlinecurrent{Outline with highlighted current section}
```

Equations

Serif font also for equations

$$i\hbar\frac{\partial}{\partial t}\Psi(\mathbf{r},t) = \left[\frac{-\hbar^2}{2\mu}\nabla^2 + V(\mathbf{r},t)\right]\Psi(\mathbf{r},t)]$$

```
$$ i\hbar\frac{\partial}{\partial t} \Psi(\mathbf{r},t) = \left [
  \frac{-\hbar^2}{2\mu}\nabla^2 + V(\mathbf{r},t)\right ] \Psi(\mathbf{r},t)
]$$
```

Lables from the web

```
Slides Reading Homework Question © 1 h 		 ○ Oct 15 		 → 100 points

\slidesbox{Slides}
\readingbox{Reading}
\hwbox{Homework}
\questionbox{Question}
\timebox{1 h}
\calendarbox{0ct 15}
\pointsbox{100 points}
\slidesbox{Slides}
```

Another section

Code listings

This code snippet:

```
print("Hello, ÚFAL".)
x = 3 + 5
```

is produced with this code:

```
\begin{1stlisting} [language=Python]
print("Hello, ÚFAL".)
x = 3 + 5
\ end{1stlisting}
```

Inline code (import numpy as np) can be inserted with the \lstinline command. Do not forget to start the frame with fragile option to beginning of the frame.

References

Full citation on slide:

Jindřich Helcl and Jindřich Libovický. Neural monkey: An open-source tool for sequence learning. The Prague Bulletin of Mathematical Linguistics, (107):5–17, 2017. ISSN 0032-6585.

```
URL http://ufal.mff.cuni.cz/pbml/107/art-helcl-libovicky.pdf
```

```
Full citation: \\ {\tiny \bibentry{helcl2017neural}}
```

? uses attention (?).

```
\citet{sennrich2016neural} uses attention \citep{bahdanau2015neural}.
```

????????

Summary, outline, references

The summary slide can be inserted by calling:

```
\summary{Name of the summary slide}{%
   Content of the summary slide
}
```

Outline with optionally highlighted current section can be inserted by:

```
\outline{Outline slide title}
\outlinecurrent{Whatever outline title you wish}
```

To show the references do:

```
\references{pathToYourBibFile.bib}
```

Itemize

- All human beings are born free and equal in dignity and rights.
- They are endowed with reason and conscience and should act towards one another in a spirit of brotherhood.
- Everyone is entitled to all the rights and freedoms set forth in this Declaration, without distinction of any kind, such as race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth or other status.

Enumerate

- 1. All human beings are born free and equal in dignity and rights.
- 2. They are endowed with reason and conscience and should act towards one another in a spirit of brotherhood.
- Everyone is entitled to all the rights and freedoms set forth in this Declaration, without distinction of any kind, such as race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth or other status.

What happens with too much content? I

Babakotia, an extinct genus of sloth lemurs, lived in the northern part of Madagascar. The name comes from the Malagasy word for the indri, to which all sloth lemurs are closely related. Its morphological traits show intermediate stages between the slow-moving smaller sloth lemurs and the suspensory large sloth lemurs, and suggest a close relationship between both groups and the extinct monkey lemurs. All sloth lemurs share many traits with living sloths, demonstrating convergent evolution. Babakotia had long forearms, curved digits, and highly mobile hip and ankle joints. It shared its range with other sloth lemurs, including Palaeopropithecus ingens and Mesopropithecus dolichobrachion. It was primarily a leaf-eater, though it also ate fruit and hard seeds. It is known only from subfossil remains and may have died out shortly after the arrival of humans on the island, but not enough radiocarbon dating has been done with this species to know for certain. Babakotia radofilai is the sole member of the genus Babakotia and belongs to the family Palaeopropithecidae, which includes three other genera of sloth lemurs: Palaeopropithecus, Archaeoindris, and Mesopropithecus. This

What happens with too much content? II

family in turn belongs to the infraorder Lemuriformes, which includes all the Malagasy lemurs.[5][2]

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Summary

- 1. This template is tremendous.
- 2. If you don't use the template you will be very very sad.
- 3. Believe me. It's tremendous.