



# Neural Networks Research Group @ PeWe

GROUP INTRODUCTION

19ST SEPTEMBER 2018

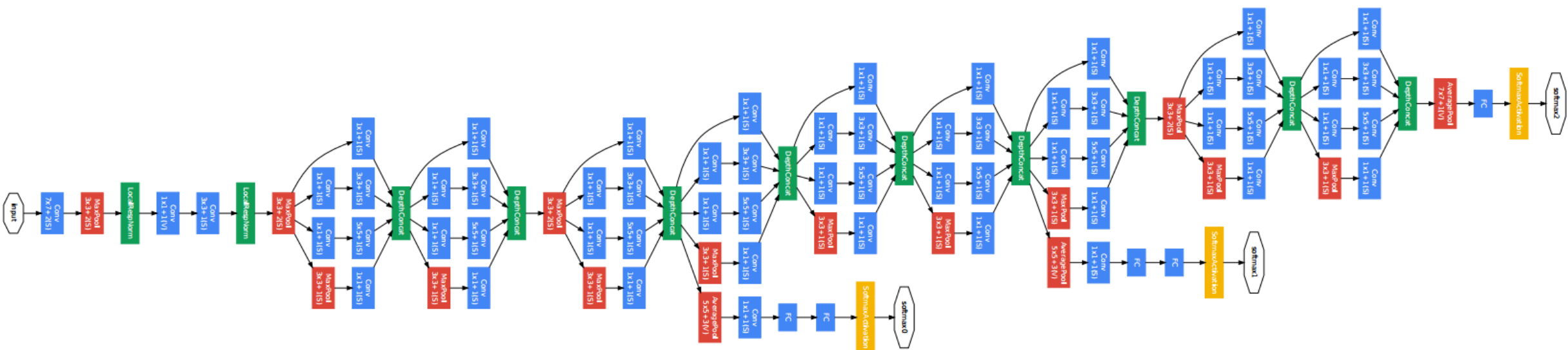
# Neural networks



# Neural networks

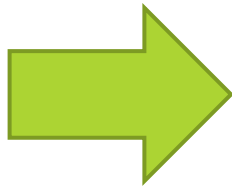


# Deep networks

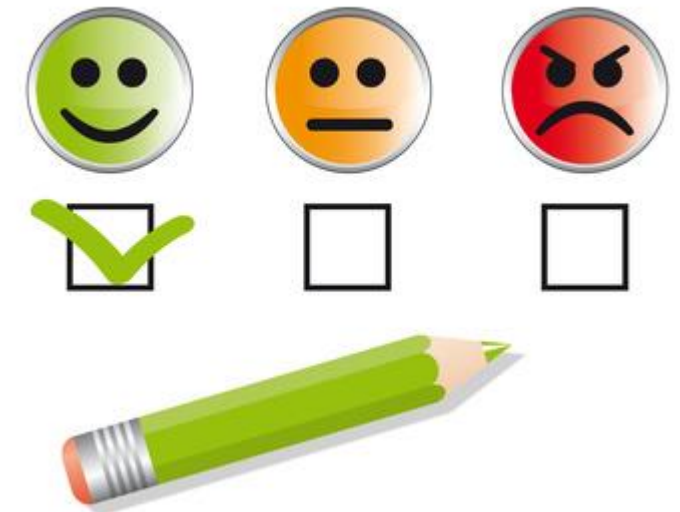
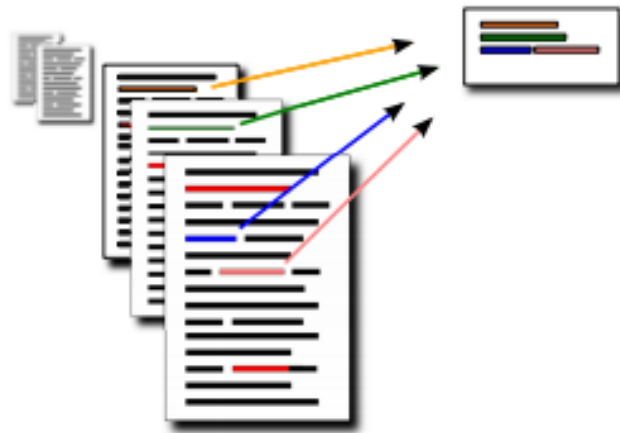




# Deep networks



# Natural language processing (NLP)



M. Kagebäck, O. Mogren, N. Tahmasebi, and D. Dubhashi. Proceedings of the 2nd Workshop on Continuous Vector Space Models and their Compositionality (CVSC), page 31--39. Gothenburg, Sweden, Association for Computational Linguistics, (April 2014)

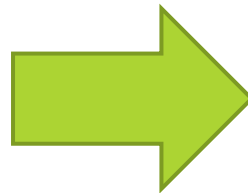
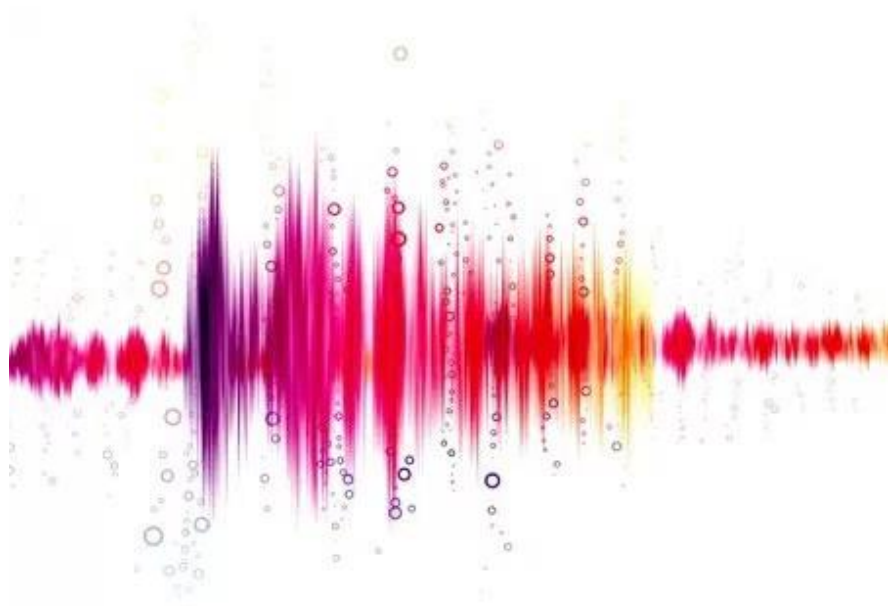
<http://www.clarabridge.com/blog/sentiment-analysis-and-business-sense/>

# (Time) series prediction





# Sound analysis



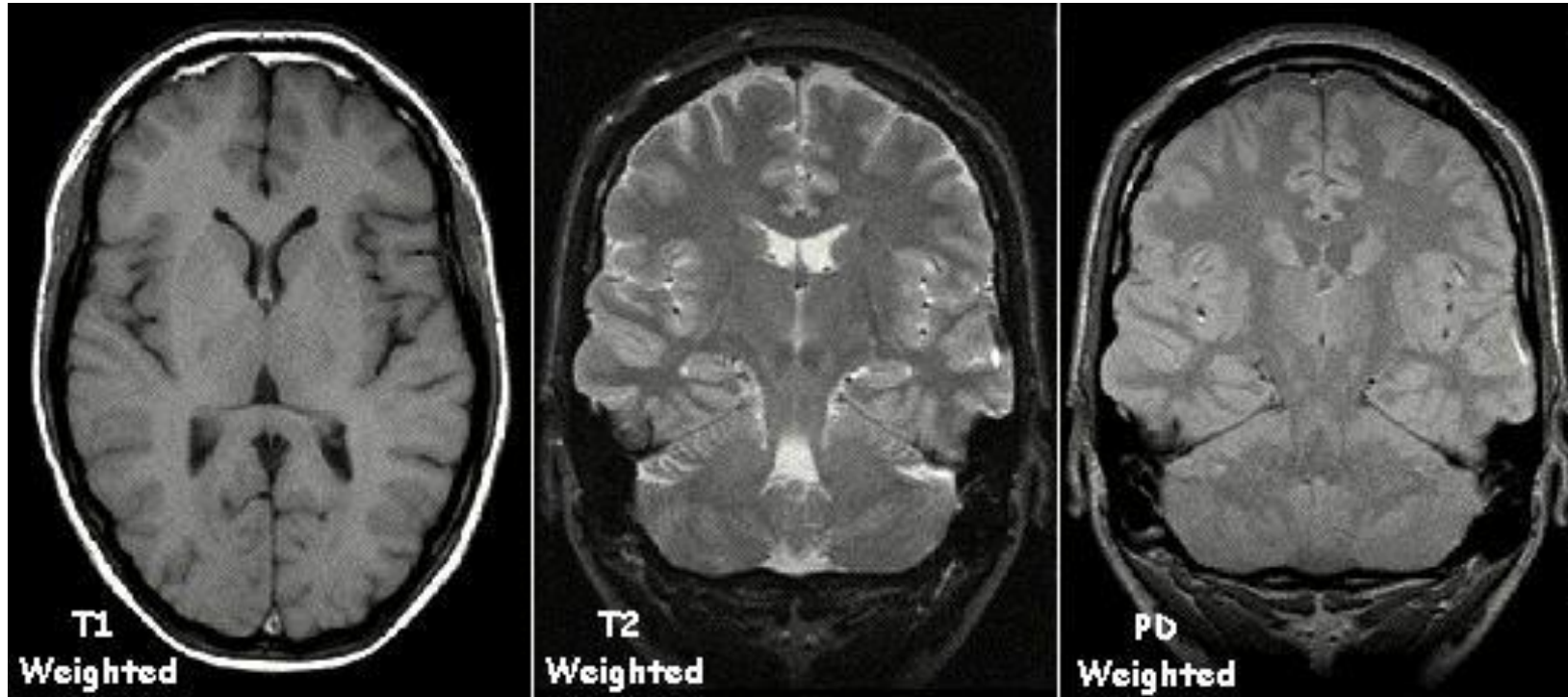
## Hey jude - The Beatles

saxoparaeventos.blogspot.com  
sheetsax.blogspot.com  
pianoparaeventos.blogspot.com

Arreglos: Denis Bevilacqua



# Image processing



# Members

## Staff

- ▶ Michal Barla
- ▶ Mária Bieliková
- ▶ Peter Lacko

## Doctoral students

- ▶ Michal Farkaš
- ▶ Lukáš Marták
- ▶ Matúš Pikuliak
- ▶ Martin Tamajka
- ▶ Viktor Bachratý
- ▶ ....

**+ everyone who wants to train his network**