
***** HORA INFORMATICAЕ *****

***** (založeno v r. 1994) *****

V pondělí 14. 1. 2019 ve 14:00 se bude
ve velké zasedačce (č. 318, 2. poschodí)
Ústavu informatiky AV ČR, v. v. i.,
Pod Vodárenskou věží 2, Praha 8 - Libeň
konat přednáška

Deep Neural Networks in Natural Language Processing Rudolf Rosa (UFAL MFF UK)

Similarly to other fields, Natural language processing has recently been revolutionized by the introduction of Deep learning. In my talk, I will focus on two specific properties of natural text as input to a machine learning system, and the current ways in which these are addressed in Deep neural networks:

- Representing massively multi-valued discrete data (words) by continuous low-dimensional vectors (word embeddings).
- Handling variable-length input sequences with long-distance relations between elements (sentences) by fixed-sized neural units (attention mechanisms).

