

Invited Talk: Barbara Plank, IT University of Copenhagen

Learning X^2 – Natural Language Processing Across Languages and Domains

How can we build Natural Language Processing models for new domains and new languages? In this talk I will survey some recent advances to address this challenge, from multi-task learning, data selection, cross-lingual transfer to learning models under distant supervision from disparate sources, and outline open challenges. The talk will focus on two target applications: part-of-speech tagging and dependency parsing.

Bio

Barbara Plank is associate professor at ITU (IT University of Copenhagen), Denmark. She holds a BSc and MSc in Computer Science and received her PhD in Computational Linguistics in 2011. Originally from South Tyrol, Italy, she worked and lived in the Netherlands, Italy and Denmark. Barbara is interested in robust language technology, in particular cross-domain and cross-language learning, learning under annotation bias, and generally, semi-supervised and weakly-supervised machine learning for a broad range of NLP applications, including syntactic parsing, author profiling, opinion mining and information and relation extraction.