

## The interplay between lexical resources and Natural Language Processing

Jose Camacho-Collados, Luis Espinosa Anke and Mohammad Taher Pilehvar

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### Summary

Incorporating linguistic, world and common sense knowledge into AI/NLP systems is currently an important research area, with several open problems and challenges. At the same time, processing and storing this knowledge in lexical resources is not a straightforward task. We propose to address these complementary goals from two methodological perspectives: the use of NLP methods to help the process of constructing and enriching lexical resources and the use of lexical resources for improving NLP applications. This tutorial may be useful for two main types of audience: those working on language resources who are interested in becoming acquainted with automatic NLP techniques, with the end goal of speeding and/or easing up the process of resource curation; and on the other hand, researchers in NLP who would like to benefit from the knowledge of lexical resources to improve their systems and models.

### Categories

Preferred Conference: *EMNLP 2018*  
2nd Choice Preference: *NAACL 2018*

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