ComAComA 2014

Proceedings of the First Workshop on Computational Approaches to Compound Analysis

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Introduction

The ComAComA workshop is an interdisciplinary platform for researchers working on compound processing in different languages, to present recent and ongoing work.

The workshop has several related aims. Firstly, it brings together researchers from different backgrounds (e.g., computational linguistics, linguistics, neurolinguistics, psycholinguistics, language technology) to discuss and evaluate compound processing each from their own point of view. Secondly, based on the interaction between the participants, the workshop provides an overview of existing and desired resources for future research in this area. Finally, we expect that the interdisciplinary approach of the workshop will result in better methodologies to evaluate compound processing systems from different perspectives.

Given the high productivity of compounding in a wide range of languages, compound processing is an interesting subject in linguistics, computational linguistics, and other applied disciplines. For example, for many language technology applications, compound processing remains a challenge (both morphologically and semantically), since novel compounds are created and interpreted on the fly. In order to deal with this productivity, systems that can analyse new compound forms and their meanings need to be developed. From an interdisciplinary perspective, we also need to better understand the process of compounding (as a cognitive process), in order to model its complexity.

Workshop Organizers

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Emmanuel Keuleers, Ghent University

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Diarmuid Ó Séaghdha, University of Cambridge

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