

INVITATION

On behalf of Department of Computer Science, Aarhus University, you are cordially invited
to the

Inaugural Lecture of Professor Ira Assent

Friday 5 October at 15.15
Finlandsgade 21, 8200 Aarhus N., Building 5335-016 (Peter Bøgh Aud.)

After the lecture, there will be a reception outside the auditorium

Programme

15.15

Welcome and introduction by Head of Department Professor Kaj Grønbæk

15.20

Lecture by Professor Ira Assent

16.00

Reception

Appetizer

Abbreviations are convenient when we refer to a concept again and again, in particular if it is a long or complicated term. Naturally, due to the brevity of typical abbreviations (often just two or three letters), abbreviations are typically ambiguous. As humans we are very good at implicitly translating the abbreviation into the correct long form if we are familiar with its context or when we have been introduced to the abbreviation earlier in the text. For computers, however, the situation is not that straightforward. In natural language processing (NLP) applications such as automatic grouping of documents according to topic (e.g. retrieving research articles relevant for a study), it is therefore important to solve the problem of abbreviation disambiguation.

In this talk, we present an approach that is based on capturing the context of abbreviations and their long forms by learning word embeddings from shallow neural networks. We conclude the talk with an overview of our most recent research contributions in the field of text mining.

The lecture will be in English

Kind regards,



Kaj Grønbæk

Head of Department, Professor

