

SFB632

# Frame Semantics in SALSA

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In the first part of my talk, I will give an overview of the SALSA project, which is conducted at the Computational Linguistics Department at the University of Saarbrücken (see <http://www.coli.uni-sb.de/lexicon>).

The focus will be on the annotation scheme and annotation practice in the SALSA I project phase, with an outlook on our present work in the DFG-funded SALSA II project phase. Here, we investigate methods for automation of frame semantic annotations.

In the second part I will report on on joint work with Aljoscha Burchardt and Manfred Pinkal on "Building Text Meaning Representations from Contextually Related Frames".

We present a case study where we investigate different types of relations between frames when assigned to contiguous portions of text -- contextual relations from deep parsing and lexico- semantic frame relations encoded in FrameNet -- and show how specific patterns of such relations support the inference of co-referential relations between frames. We discuss possibilities of using learning techniques to induce such co-referential links between frames and sketch our current architecture for interfacing deep syntactic processing with frame semantics and frame-based reasoning.