

Computational modelling of aspects of information structure in interview data

Aspects of information structure that are modelled computationally typically revolve around the given/new distinction, a subfield of information structure. Coreference resolution, bridging resolution and information status classification are tasks that come to mind when thinking about computational linguistics applications based on this distinction. In most cases, however, they are modelled as separate tasks, although being so clearly related. The talk will introduce these three areas of research, show how they are connected, and present the overall idea of modelling these three tasks as one joint task. Two prerequisites for this joint setup will be explained in more detail, (a) the adaptation of a coreference system to German and (b) the adaptation to spoken data, i.e. the use of prosodic features for coreference resolution.