Modeling Human Visual Attention in Multy-party Dialogs

Background

Conversation relies on close coordination between the speakers involved. This coordination is facilitated by several different means, including eye-gaze, pointing gestures, prosody, syntax and semantics. The main goal of the project is to investigate how these means are used to coordinate turn-taking and joint attention, and to gain understanding of the complex interplay between these phenomena, as well as other closely related phenomena such as feedback and grounding.

Research Data Collection

We are looking for volunteers to participate in data recordings about coordination between speakers in conversations. Each recording will last approximately 45 minutes. During the recordings, the participants will get the opportunity to interact with a state of art social robot (Furhat Robotics) and use cutting edge technology (e.g. Tobii Pro Glasses). Please send an e-mail to kalins@kth.se if you are interested in partcipating. Thank you!