

# Interactional functions of breathing

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In this talk, I will give an overview of existing work on respiratory functions related to management of spontaneous interactions, with particular focus on turn-taking. This will include both results by other research groups and our own work done within a recently completed research project “Breathing in conversation” at Stockholm University, Sweden. I will make a claim that breathing is a rich resource for understanding the complexity of mechanisms of speaker change in dialogue, over and above the familiar prosodic and linguistic features. In addition, I will provide a short demo of the hardware and software developed at Stockholm University for analysing respiratory signals in speech.