

Guest Lecture

Monday, 28.11.2022, 14:15-15:45

Title: Action-based Communication in Joint Action?

Speaker: Cordula Vesper
Associate professor
Department of Linguistics, Cognitive Science
and Semiotics & Interacting Minds Center
Aarhus University, Denmark
<https://sites.google.com/site/cordulavesper/>



Room: R0.07

Abstract:

When two or more individuals perform actions together, they need to coordinate their own contributions with those of others. This joint action coordination can be facilitated by, or might even rely on, sharing information with each other, be it about the task at hand, relevant objects in the environment or about one's own upcoming movement. Whereas language clearly is a powerful coordination tool, it may not always be the most efficient when it comes to real-time joint action tasks. In contrast, by modifying one's own action performance online during action performance, co-actors can provide important cues to each other that facilitate action prediction and will thereby support interpersonal coordination.

In this talk, I will discuss different ways in which individuals nonverbally share information in a joint action context – from subtle forms of sensorimotor communication to creating novel communication systems and from constrained experimental situations to more natural creative environments. Together, the results of a number of motion tracking studies provide insights into our human ability to creatively solve coordination tasks by adjusting action performance to a communicative context.