

Embodied cognition

Goals:

The course gives an introductory overview of theories and models of embodied cognition, i.e. the role of the body in cognitive processes and interactions with the environment. Topics covered include historical roots of current theories & debates, neuro-scientific perspectives on embodiment, embodiment of language and social interaction, as well as the technological relevance to cognitive systems, robotics and human-machine interaction.

This course is recommended for:

This course is recommended for PhD students in cognitive science and related areas. An undergraduate degree in cognitive science (or equivalent) would be useful, but other backgrounds, e.g. AI, HCI or neuroscience, could be suitable too.

Number of occasions:

Course consists of 3 full days (some introductory lectures, mostly seminars), probably during October-December. One of these days will probably be lunch-to-lunch and one could be held in connection with the SweCog autumn meeting (depends on timing).

Literature:

Literature is Shapiro, L (2010). Embodied Cognition. Routledge. + a number of research articles.

Lecturers:

Tom Ziemke, India Morrison and Paul Hemeren

Examiner:

Tom Ziemke

Examination:

Active participation and oral seminar presentations

Contact:

[Tom Ziemke](#)

Other information

The course is given in English if there are students who do not speak Swedish.

The course may include travel to other Universities in Sweden. SweCog pays for travel and accommodation ONLY for graduate student in SweCog.

Other students are welcome to the course but must finance the travel by other means.