

COURSE DETAIL

MINDS AND MACHINES

Country

Germany

Host Institution

Humboldt University Berlin

Program(s)

Humboldt University Berlin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology Philosophy

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

MINDS AND MACHINES

UCEAP Transcript Title

MINDS AND MACHINES

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

It has been one of the fundamental assumptions of the philosophy of mind that there is a basic similarity between information processing in computers and in human cognition. This similarity is thought to allow to use one type of information processing as a model for the other type: Human cognition is thought to provide standards for the ascription of consciousness to artificial systems in the Turing Test, conversely, Deep Neural Networks are thought to provide insight into information processing in human cognition. Recent developments in scientific research and in computer technology, however, have cast severe doubt on this assumption. After a quick look back at the original assumption, the seminar will discuss more recent papers discussing both the use of artificial systems as models for human cognition and the use of human cognition for the attribution of higher cognitive abilities to artificial systems like large language models. The seminar aims at specifying criteria that can help to distinguish between valid and invalid inferences from one system to the other.

Language(s) of Instruction

English

Host Institution Course Number

51043

Host Institution Course Title

MINDS AND MACHINES

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Institut für Philosophie

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