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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