

PHYSIKKOLLOQUIUM

Fachbereich für Physik

Im Rahmen des Physikkolloquiums spricht

Prof. Graham Harman

Southern California Institute of Architecture

über

Finitude and Fallibilism

Abstract:

Since the time of Plato, philosophers have often defined knowledge as justified true belief. But later developments have cast doubt on whether justification or truth are really attainable. The challenge to truth can be traced Immanuel Kant's Copernican Revolution, with its doctrine of human finitude as developed by Martin Heidegger and others. This finitude is said to prevent any access by humans to reality in itself, meaning that truth cannot be grasped even in principle. As for justification, it is countered by the fallibilism introduced by Charles Sanders Peirce and driven forward by Karl Popper and Imre Lakatos. The problem here is that science comes to be defined less as a movement towards truth than as a movement away from previous falsified theories. If both justification and truth prove to be problematic, then what are the implications for philosophy, science, the arts, and everyday life?

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