



EINLADUNG ZUM KOLLOQUIUM

Dr. Richard Heidler

(Wuppertal)

**Epistemic cultures in conflict:
the case of astronomy and
highenergy-physics**

The article presents an in-depth analysis of epistemic cultures in conflict by exemplifying the epistemic conflict between high energy physics (HEP) and Astronomy which emerged after the discovery of “dark energy” and the accelerating expansion of the universe. It suggests a theoretical framework combining Knorr-Cetina’s concept of epistemic cultures with Whitley’s theory of dependencies in the sciences system, which explains that epistemic conflicts do occur, if the strategic and functional dependency of two incommensurable epistemic cultures is suddenly growing. The pre-history of the conflict is discussed on a micro-level for the two research groups involved into the breakthrough. The analysis of the consequent epistemic conflict on a macro-level reveals, that it embraces the preferred epistemic strategy, the collaboration style, the instrumental concepts and the question how social legitimacy can be generated.

Dr. Richard Heidler

Akademischer Rat a. Z., Bergische Universität Wuppertal, Fakultät Bildungs- und Sozialwissenschaften, Lehrstuhl für Organisationssoziologie (seit 08/2011),

Mittwoch, 10.07.2013

18 c.t. Uhr

Raum N.10.20

Volker Remmert
Gregor Schiemann

www.izwt.uni-wuppertal.de

