Einladung
zum Vortrag von

Colin Cooper, PhD
Senior Lecturer
School of Psychology, The Queen's University, Belfast, U.K

Thema: Speed of reflexes and general intelligence
Tag: 16. April, 2003
Zeit: 10-12 h
Ort: Treichlerstrasse 10, F14

Summary of talk
Behaviour-genetic research tells us that general intelligence has a substantial biological component. Several theories (ranging from the crude to speculative) have been proposed to explain which aspects of neural functioning are related to general intelligence. Data from reaction-time and inspection-time (IT) studies are often cited as evidence for the ‘speed of neural processing’ hypothesis. Attentional cognitive strategies are hard to eliminate from such designs, and there has been far too much focus on a limited number of experimental paradigms for measuring inspection time, with few attempts to discover whether it is reflected in a wide range of different experimental paradigms. I report some studies that (a) look at the overlap between several different IT studies, and link the factor(s) that underlie them to general intelligence, and (b) examine the relationship between general intelligence and 3 measures of reflex latency – a variable that has not previously been linked to general ability but the study of which overcomes several of these methodological problems.

Relevant publications

Short bio