



EINLADUNG

zum Vortrag im Rahmen des Seminars des SFB/TRR 31

Freitag, 23. Mai 2008, 14 Uhr c.t.

Raum W2 1-143, Universität Oldenburg und
Raum G26.1 – 010, Rechenzentrum der Universität Magdeburg
(per Videokonferenz)

Multisensory-based approach to the recovery of unisensory deficits

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I will review several highly convergent behavioral findings that provide strong evidence for the existence of multimodal integration systems subserving spatial representation in humans. These systems generally function through the multisensory coding of visuo-auditory and visuo-tactile events, but vary in their specific functional and anatomical characteristics. In addition, I will consider the adaptive advantages of multisensory integration systems; these systems might modulate the level of activation in cortical areas in short and long term ways, thereby providing a mechanism for permanent recovery from sensory and spatial deficits.