



# EINLADUNG

zum Vortrag im Rahmen des Seminars des SFB/TRR 31

**Freitag, 29. November 2013, 14 Uhr c.t.**

im Raum H28 / R 2.31 des Med. Campus Magdeburg  
und Raum W2 1-143 der Universität Oldenburg,  
(per Videoübertragung)

***“Varieties of cross-modal interactions and multi-sensory integration effects”***

**Tobias Andersen**

Technical University of Denmark

When two or more senses provide information about a single attribute of the environment the brain can integrate information across the senses in a process of multi sensory integration. This effect is particularly striking when it influences categorical judgments as in the McGurk illusion where an acoustic speech segment, which is clearly perceived as /ba/ can be perceived as /da/ when dubbed onto a video of a talker saying /ga/. In addition to multisensory integration, the senses influence each other in a number of ways. Information in one sensory modality can, for example, guide attention in another sensory modality. In this presentation I will go through a number of studies of audiovisual perception with categorical judgments. I will discuss how experimental design and computational modelling can help tease apart some of the many varieties of multisensory integration and cross-modal interactions.