



EINLADUNG

zum Vortrag im Rahmen des Seminars des SFB/TRR 31

Freitag, 9. Juni 2017, 11.00 Uhr c.t.

im Raum H28 / R 2.31 des Med. Campus Magdeburg und
Raum W30 0-33/34 der Universität Oldenburg (NeSSy) (per Videoübertragung)

***"Translational Research of Auditory Processing
in Mental Health"***

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Current ongoing research points to the complex interplay between auditory perception and cognition. Cultural biases and medical terminology on hearing seem to impact on optimally understanding the effect of exposure time to a hearing deficit. Is it hearing we are evaluating when measuring a pure tone audiogram? Do children showing attention deficit related symptoms have the possibility of having an auditory processing disorder? During this lecture current research and clinical data regarding auditory processing will be presented and discussed for specific mental disorders as referenced in DSM-5. Disorders presented will extend throughout the life span (i.e. Dyslexia, Speech sound Disorder, Autism, Schizophrenia, Mild Cognitive Impairment). The common difficulties presented during patient testing in mental disorders leads to limited audiological evaluations taking place during everyday clinical practice. Symptoms such as hyperacusis or failure to respond to one's name are often misinterpreted as being part of a mental disorder; in some cases they are the result of a hearing deficit or an auditory processing disorder. An exciting new research line shows auditory training to be effective in improving short-term memory and evaluated global cognition in Schizophrenia when central auditory processing deficits are present.