



EINLADUNG

zum Vortrag im Rahmen des Seminars des SFB/TRR 31

Freitag, 11. Januar 2013, 14:00 Uhr

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

“The effects of age and hearing loss on temporal coding”

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Many studies have shown that listeners with cochlear hearing loss are poorer than normal-hearing listeners at tasks that are thought to rely on accurate temporal coding, such as interaural phase discrimination, harmonic and frequency-shifted tone discrimination, and low-rate frequency modulation detection. However, these studies were confounded by age; hearing-impaired listeners typically had a much higher mean age than normal-hearing listeners, and so it is possible that age, rather than hearing loss may explain the apparent temporal coding deficits that have been reported. I will discuss the evidence for independent effects of age and hearing loss on auditory temporal coding, and consider whether temporal coding deficits may explain some of the perceptual difficulties experienced by older adults with and without cochlear hearing loss.