



Institutskolloquium

Psychologisches Institut

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**„Change detection by
the auditory system”**

Mittwoch, 22.07.2015, 16.15 – 17.45 Uhr,
Raum 01-231 (Binger Str. 14-16)



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Abstract:

“Change detection by the auditory system”

Abstract: Human listeners are able to detect effortlessly subtle spectral changes between successive complex sounds, even when the pre-change and post-change sounds are separated by a substantial interval of silence. This ability recruits a form of short-term sensory memory which seems to have no equivalent in the domain of vision. I will argue in addition that the auditory system is equipped with automatic "frequency-shift detectors" which are used for the perceptual organization of everyday acoustic scenes.