

## Vortragseinladung

**Montag, den 25.04.2016, 14 ct**

**Thema: Sensing Self-motion**

**Ort: Universität Regensburg, VG 0.04 (Vielberth-Gebäude)**

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The nervous system must continuously monitor self-motion and orientation relative to the environment in order to support essential behaviors including locomotion, postural control, navigation, and spatial constancy. This monitoring is accomplished by dedicated sensory, motor, and cognitive processes that many of us take for granted. My research is focused on illuminating these processes. In particular, visual and vestibular function is probed in human psychophysical experiments using a virtual reality setup consisting of a motion platform and large field-of-view visual display. The contributions of eye and neck motor signals to self-motion estimates are also assessed.