



SFB Guest Lecture

**Monday, 24 February 2020, 2.15 pm
Campus Golm, Building 14, Room 2.15-16**

Invited by SFB 1287 (B01 and B05)

Dr. David Peeters (Tilburg University & MPI for Psycholinguistics, The Netherlands) will give a talk on

Virtual Reality: A Promising Tool for the Study of Language Production

Virtual Reality (VR) technology is increasingly used as a tool for psychological research. In the language sciences, however, its use has long remained virtually non-existent. In this talk, I will argue that immersive VR technology offers unique possibilities to answer fundamental questions about the neurocognitive mechanisms supporting human language and communication. More than other methods, it combines ecological validity, experimental control, and repeatability in experimental settings. Moreover, as a mode of display, it can relatively easily be combined with the collection of EEG, eye tracking, and motion capture data to track online linguistic and communicative processes. I will discuss ongoing work from our lab that shows the added value of VR in the study of bilingualism, specifically focusing on the mechanisms that allow bilinguals to switch between languages and listeners when producing speech.

Everyone is cordially invited.