

## GUEST TALK

### LANGUAGE SERIES

Prof. Dr. Liina Pykkänen

(Dept. of Linguistics and Psychology, New York University, USA)

*"Studying the neural bases of semantic composition with MEG"*

Within the cognitive neuroscience of language, investigation of sentence level semantics has probably been the most disconnected from Linguistics. Consequently, there has not been a body of research focussed on uncovering the neural bases of basic semantic composition, as this operation is defined in theoretical semantics. In this talk I describe a research program that aims to do this. Our findings consistently point to a specific MEG component, the Anterior Midline Field, as sensitive to stimulus variables that should affect semantic composition. I will discuss our current understanding of the functional role of this component.

**Tuesday, July 28<sup>th</sup>, 2009, 4.30 pm**

**Max Planck Institute for  
Human Cognitive and Brain Sciences  
Stephanstr. 1a  
04103 Leipzig  
*Wilhelm Wundt Room (4<sup>th</sup> Floor)***

For more information or questions contact Margund Greiner at [greiner@cbs.mpg.de](mailto:greiner@cbs.mpg.de) or ( +49-341/9940-107