



**Western**  
The Brain and  
Mind Institute

## Visiting Speaker

### **Jens Kreitewolf**

University of Lübeck, Germany

## “How we understand speech from different talkers”

Auditory speech provides us with a wealth of information, not only about the speech message, but also about the identity of the talker. A major challenge that listeners are faced with is that these kinds of information are fundamentally intermingled in the speech signal. How the auditory system meets this challenge is still poorly understood. In this talk, I will present evidence for neural and behavioral interactions in the processing of speech and talker information. I will present a neural mechanism that allows for robust speech comprehension in the context of rapid talker changes, show that continuity in certain voice features helps solving the cocktail-party problem, and discuss how familiarity with a talker's voice affects speech comprehension.

**Date:** Monday, September 25, 2017

**Time:** 1:30 pm

**Location:** Room 5220,  
Social Sciences Centre

*If you require information in an alternate format or if any other arrangements can make this event accessible to you, please contact Denise Soanes at [dsoanes4@uwo.ca](mailto:dsoanes4@uwo.ca)*