



## Workshop

# The musical brain: Beat, rhythm, and timing



Tuesday June 7, 14.00-17.00 h  
Doelenzaal (C0.07)  
Singel 425, Amsterdam

When we hear music, we often tap our feet, dance together or play and sing together. In order to do this, we need to be able to synchronize our behavior to the regular beat that is often present in music. This seems an easy task, but how do our brains accomplish this? Can everyone do this? And is this specific to humans?

In this workshop, distinguished international speakers will discuss several aspects of beat perception and prediction. Topics range from the role of the motor system in beat perception, to beat perception in non-human animals and timing and predictions in the human brain.

**Attendance is free.**

14.00	<b>Dr. Jessica Grahn (Western University, London, ON, Canada)</b> <i>Music, movement, and the brain</i>
14.30	<b>Prof. Dr. Sonja A. Kotz (Maastricht University &amp; Max Planck Institute, Leipzig, Germany)</b> <i>Timing and synchronization in sensorimotor networks of the brain</i>
15.00	<b>Dr. Rebecca Schaefer (Leiden University)</b> <i>What to do with that beat you found: cognitive aspects of moving to rhythm</i>
15.30	Coffee break
16.00	<b>Prof. Dr. István Winkler (Hungarian Academy of Sciences, Budapest, Hungary)</b> <i>Auditory processing capabilities supporting communication in preverbal infants</i>
16.30	<b>Prof. Dr. Henkjan Honing (University of Amsterdam)</b> <i>Rhythm perception in birds and monkeys: some preliminary results</i>
17.00	Drinks

The workshop is organized on the occasion of the public PhD defense of Fleur Bouwer on June 8, at 11.00. For more information on both the defense and the workshop, visit [www.fleurbouwer.nl](http://www.fleurbouwer.nl).

