

Simone Falk (LMU), Simone Dalla Bella (University of Warsaw, BRAMS, Montreal)

## Speech, rhythm and sensorimotor synchronization

We present the outline of a research project linking motor behavior to aspects of rhythm perception and spoken speech comprehension. New ways of dealing experimentally with the concepts of rhythm and meter in speech will be discussed. In Particular, sensorimotor synchronization - a method that is widely adopted in studies on music cognition - is used as a tool to study perceptual benefits of metrical/rhythmical structure in speech processing and comprehension. Furthermore, we aim at exploring acoustic correlates of speech rhythm tied to motor performance patterns.