

---

## AG 14: (Why) is language (not) rhythmic? (Short AG)

Lars Meyer & Antje Strauß

---

### Wednesday 23.02.22

#### Session 1: Auditory perception of the speech envelope (13:45-15:45)

**13:45** Antje Strauß (Konstanz)

Testing prerequisites of neural entrainment and its functional limitations for speech processing

**14:15** Anna Robinson, Ann Bradlow & Jennifer Cole  
(Northwestern)

A role for rhythm in speech intelligibility

**14:45** Alexis D. MacIntyre, Ceci Qing Cai & Sophie K. Scott  
(University College London)

Pushing the envelope: Evaluating speech rhythm with different envelope extraction techniques

**15:15** Kanad Mandke, Sheila Flanagan, Annabel Macfarlane,  
Fiona Gabrielczyk, Angela Wilson (Cambridge), Joachim  
Gross (Münster) & Usha Goswami (Cambridge)

Linguistic rhythm timescale deficits in children with dyslexia

#### Session 2: Rhythm across Languages (16:30-18:00)

**16:30** Tamara Rathcke (Konstanz), Chia-Yuan Lin (Huddersfield),  
Simone Falk (Sorbonne Nouvelle Paris-3 / Montreal) &  
Simone Dalla Bella (Montreal)

When language hits the beat: Studying rhythm in stimuli of varying complexity and across prosodically diverse languages by means of sensorimotor synchronisation

**17:00** Alan Langus & Barbara Höhle (Potsdam)

Pupillary entrainment to natural speech reveals rhythmic differences

between languages

**17:30** Maria Clemencia Ortiz-Barajas (Paris), Léo Varnet (École Normale Supérieure), Ramón Guevara (Padua), Christian Lorenzi (École Normale Supérieure) & Judit Gervain (Padua)

The brain synchronization to the quasi-rhythmicity of language

## Thursday 24.02.22

Session 3: Prosody and the prosody–syntax interface (09:00-10:30)

**09:00** Gerrit Kentner (Frankfurt) & Isabelle Franz (MPI, empirische Ästhetik / Frankfurt)

Rhythmic production, rhythmic parsing, and limits of rhythm in language processing

**09:30** Isabelle Franz (MPI, empirische Ästhetik / Frankfurt)

Influences of (non-binary) rhythm on word order in German

**10:00** Lars Meyer (MPI, Human Cognition & Brain Sciences / University Hospital Münster)

From acoustic to abstract to neural rhythms

## Alternates

Katharina Menn (Leipzig)

Yulia Lamekina (Leipzig)