MONDAY July 6
9:00   Registration (coffee/tea)
9:45   Opening remarks
10:00  **Keynote 1**

*Animals and rhythms: who can dance to the beat?*
Carel J. ten Cate

11:00  Break (coffee/tea)

11:30  **Oral Session 1: Pathology**

- **Sensorimotor timing is associated to the effect of rhythmical gait training in Parkinson’s disease**

- **Stimulus type and variability increase the effects of rhythmic auditory cueing on the Parkinsonian walk**
  Dobri G. Dotov, S. Bayard, V. Cochen de Cock, B. Bardy, & S. Dalla Bella

- **Sensorimotor beta-band oscillations reveal no special benefit from rhythmicity in Parkinson’s disease**
  Erik S. te Woerd, R. Oostenveld, B.R. Bloem, F.P. de Lange, & P. Praamstra

12:30  Lunch

14:00  **Oral Session 2: Development**

- **The development of rhythm perception and social implications of musical engagement in infancy**
  Laura K. Cirelli & L.J. Trainor

- **The correlation between auditory rhythm processing and language skills in early to mid adolescence**
  Manon Grube, C. Davison, S. Kumar, & T.D. Griffiths

- **The influence of phrase boundaries on adults’ and children’s timing in self-paced music listening: A new dwell-time paradigm**
  Haley E. Kragness & L.J. Trainor

- **Emergent and event related timing in the drumming of children between 3 and 11 years old**
  Leon van Noorden

15:20  Break (coffee/tea)
15:50 **Oral Session 3: Language**

- *Bimodal rhythm processing in children with developmental language disorders*
  Clare Cullen, A. Hsu, & G. Wiggins

- *Listeners can identify speakers based on idiosyncratic rhythm*
  Volker Dellwo, L. He, & K. Dimos

- *The rhythm of dialogue*
  Anne van Leeuwen, J. van Berkum, & H. Quené

16:50 Welcome drinks
19:00 End
TUESDAY July 7
9:00  (coffee/tea)
9:30  Keynote 2
   Rhythm perception and the motor system
   Jessica A. Grahn
10:30 Break (coffee/tea)
11:00 Oral Session 4: Entrainment in musical performance
   – Event density predicts synchronization ability in music-induced movement
     Birgitta Burger, J. London, M.R. Thompson, & P. Toivainen
   – Violin trio synchronisation: Effects of leadership, spontaneous musical rate and musical structure
     Mark T. Elliott, C. Palmer, D. Ward, R. Stables, & A.M. Wing
   – Relations between individual differences in sensorimotor synchronization and the perception of synchrony in musical ensemble performance
     Peter Keller, M. Clayton, L. Pearson, S. Endo, D. Vorberg, & A.M. Wing
   – How West African drummers keep in time together: Ensemble entrainment in jembe music from Mali
     Rainer Polak, N. Jacoby, & J. London
12:20 Poster Session 1 & lunch
14:15 Oral Session 5: Neural correlates: entrainment
   – Functional dissociation between delta and beta oscillations for rhythmic entrainment
     Andrew Chang, A. Rice, D. Bosnyak, & L.J. Trainor
   – The rhythm of silence: rhythmic neural entrainment explained by low-level auditory processes or higher-level predictive coding?
     Sylvie Nozaradan, M. Cousineau, & A. Mouraux
   – Source analysis of electrophysiological correlates of beat induction as sensory-guided action
     Neil P.M. Todd & C.S Lee
15:15 Break (coffee/tea)
15:45 Oral Session 6: Interpersonal movement entrainment
   – Rhythm of crew rowing: synchronisation at different stroke rates
     Laura S. Cuijpers, A. Hoogerheide, F.T.J.M. Zaal, P.J.M. Passos, & H.J. de Poel
   – Coordination of fluent hand movements in dyads
     Tommi Himberg, M. Niinisalo, & R. Hari
   – Phase entrainment in the ‘Silent Disco’
     Harjo J. de Poel, F. Blikslager, N. Nicolai, J. Kuyvenhoven, & H. de Vries
16:45 End
17:00 Departure to location for dinner & social event
   (individual return to your accommodation from Central Station, on your own)
**WEDNESDAY July 8**

9:00 (coffee/tea)

9:30 **Keynote 3**  
*How cognitive is complex motor control: Neural mechanisms of rhythmic timing*  
Ralf T. Krampe

10:30 Break (coffee/tea)

11:00 **Oral Session 7: Rhythm perception**
- *Perception of metric timing patterns in Malian jembe-music*  
  Timo Fischinger, R. Polak, J. London, & H. Neuhoff
- *Timing rhythms: Stimulus grouping distorts short interval duration perception*  
  Ninja K. Horr & M. Di Luca
- *Speed on the dance floor: Visual and auditory cues for musical tempo*  
  Justin London, B. Burger, M. Thompson, & P. Toiviainen
- *Modeling the role of previous exposure on rhythm perception*  
  Bastiaan van der Weij & H. Honing

12:20 **Poster Session 2 & lunch**

14:15 **Oral Session 8: Neural correlates: music**
- *The influence of attention on beat perception in rhythms with different accents and varying complexity: An fMRI study*  
  Fleur L. Bouwer, C.J. Wild, H. Honing, & J.A. Grahn
- *“Did I miss my entry?” Earlier motor planning when you’ve practiced playing your cue: A TMS study of musical turn taking*  
  Lauren V. Hadley, G. Novembre, M.J. Pickering, & P. Keller
- *The role of the basal ganglia in beat processing*  
  Tomas Matthews & V. Penhume

15:15 Break (coffee/tea)

15:45 **Oral Session 9: Entrainment and rhythm**
- *Temporal anticipation and adaptation with a tempo changing adaptive metronome*  
  Peta Mills & P. Keller
- *Temporal cueing in rhythm performance: synchronizing by sniffing*  
  Dirk Moelants & E. Coorevits
- *Toward a perceptuo-motor matching in pattern continuity for visuo-motor synchronization*  
  Grégory Zelic, M. Varlet, J. Kim, & C. Davis

16:45 Closing remarks

17:00 End
POSTER SESSIONS

All posters will be presented at both Session 1 (Tuesday) and Session 2 (Wednesday). You may bring your poster on Monday; poster boards will be available then.

POSTER PRESENTATIONS

1. *Entrained brain activity versus responses to temporally irregular stimuli*
   Moran Aharoni, A. Tavano, M.M. Müller, & E. Schröger

2. *Let’s pay attention to the dynamic attending theory: Unsuitability of the pitch comparison task*
   Anna-Katharina R. Bauer, M. Jaeger, J.D. Thorne, A. Bendixen, & S. Debener

3. *Systematic investigation of the “feeling of a beat”: Auditory regularity processing in behaviour and EEG*
   Annike Bekius, T. Cope, I. Sturm, K.-R. Mueller, & M. Grube

4. *Auditory rhythmic entrainment modulates higher-level processes in visual recognition*
   Renaud Brochard, A. Leleu, J.-Y. Baudouin, & D. Zagar

5. *The influence of culture on rhythm perception, behaviour, and neural entrainment to the beat.*
   Daniel J. Cameron & J.A. Grahn

6. *May the force be with time: Case studies of force-time interactions in patients SM and MH*
   Winnie L. Chua & A.M. Wing, A. M.

7. *Tempo and timing in music performance: An embodied approach*
   Esther Coorevits, D. Moelants, P.-J. Maes, & M. Leman

8. *Rhythm and Commitment; Rhythm and Belief*
   Fred Cummins

9. *Neuronal entrainment during self-paced finger tapping and sensorimotor synchronization*
   Michael De Pretto & C.-A. Hauert

10. *Music modulates my spontaneous tempo through the modulation of my emotional state*
    Yvonne Delevoye-Turrell, L. Droguet, M. Teissier, F. Weisse, & J. Wasilewski

11. *Eyeblinks as biomarkers of temporal coordination during music cognition*
    Lauren Fink
12. How body motion influences speech sequencing via breathing: Evidence from spontaneous speech data
   Susanne Fuchs, A. Rochet-Capellan, U. Reichel, & M. Roese

13. Attention and presence of a beat modulate neural entrainment to non-repeating rhythms
   Aaron Gibbings, D. Cruse, B. Stojanowski, & J.A. Grahn

   Gerald Golka

15. Evaluating rhythm similarity distances: The effect of inducing the beat
   Daniel Gómez-Marín, S. Jordà, & P. Herrera

16. A Metric Relationship between Perceived Duration, Task Difficulty and Performance
   Andrei Gorea, D. Rider, & L. Granjon

17. Investigating systematic microtiming in music and body motion samba performance
   Mari Romarheim Haugen

18. Hierarchical timing in complex rhythms
   Lars Dietmar Hestermann & R.T. Krampe

19. Hi-hat as groove lock in a jazz ensemble?
   Alex Hofmann, B. Wesolowski, & W. Goebl

20. Rhythmic haptic stimulation for gait rehabilitation
   Simon Holland, T. Georgiou, & J. van der Linden

21. Development and short-term evaluation of tapping game for hearing impaired students
   Naoya Kano, M. Matsubara, H. Terasawa, & Rumi Hiraga

22. A corpus-based approach to computational feature design of ragtime syncopation
   Hendrik Vincent Koops, A. Volk, & W.B. de Haas

23. Effect of a lesion of posteroventral globus pallidus on perceptual and sensorimotor timing
   Ilona Laskowska, L. Decker, A. Litwinowicz, M. Harat, & S. Dalla Bella

24. How dialectal changes in English speech rhythm are reflected in the melodic rhythms and text-settings of pop chart songs and the text-setting intuitions of native listeners
   Christopher S. Lee, L. Brown, & D. Müllensiefen

25. Joint tapping to a slow beat encourages mutually adaptive movements
   Fiona Manning, L. Cirelli, & M. Schutz
26. *The influence of expressive body movements on musical timing in the communication between a conductor and musicians*
   Liubou Pazniakova, P.-J. Maes

27. *A biologically plausible model of beat detection in complex rhythmic sounds*

28. *What bell ringing can tell us about infant rhythm production: An EMG Study*
   Sinead Rocha & D. Mareschal

29. *Discrete and continuous sounds combined in sensorimotor synchronization*
   Matthew W.M. Rodger & M. Doumas

30. *Movement-rate transitions in half-cycle paced auditory motor synchronization*
    Melvyn Roerdink

31. *Mastering of two languages with different rhythmic properties enhances musical rhythmic perception*
    Drikus Roor, M.P. Roncaglia-Denissen, A. Chen, A. Hohenberger, & M. Sadakata

32. *To bridge or not to bridge the time gap: Pacing bimanual coordination with asynchronous audio-tactile events*
    Charlotte Roy, S. Dalla Bella & J. Lagarde

33. *The influence of accompaniment in the performance of percussion*

34. *Objective stimulus predictors of perceptual and performance complexities of temporal patterns*
    Godfried T. Toussaint

35. *Synchronization can be lame when endogenous rhythms aren't the same*
    Anna Zamm, C. Wellman, & C. Palmer

**ENTERTAINMENT DURING THE BREAKS**

*A grand piano will be at our disposal during the breaks. Please feel free to entertain the other participants!*