



# Rhythm under the Microscope

Wed, Sep 25

- 8:30** pre-conference Workshop **Jan Inge Nilsen:** *Quintuplets as basic subdivision in groove-based music: from metric understanding to time feel*
- 10:30** Welcome (Rector Ulrike Sych, Ralf von Appen)
- 11:00 – 12:30** **Steffen Just:** *Forgotten time machines. A (Digital) media history of micro-time aesthetics on piano rolls for player pianos, 1900–1930*  
**Noam Lederman:** *Exploring microtiming elements in real-time interactions between professional drummers and a conversational drumming agent*

Lunch

- 1:30 – 2:30** Keynote **Anne Danielsen**
- 2:45 – 4:15** **Psyche Loui:** *The neurological basis of music-induced entrainment: Insights from neuropsychological and cross-cultural studies*  
**Steffen Lepa & Martin Pfeleiderer:** *Beyond groove – Entrainment and feeling of motion in popular music as a multidimensional phenomenon*
- 4:30 – 6:00** **Patrick Ainsworth:** *Early funk under the rhythmic microscope*  
**Kjell Andreas Oddekalv:** *“I’m sorry y’all, I often drift – I’m talking gift” Microrhythmic analysis of rap – categorization, malleability and structural bothness.*
- 8:00** Concert **We Salute You** (Klangtheater)



# Rhythm under the Microscope

Thu, Sep 26

9:30 – 11:00

**Frederick Hosken:** *Stem separation of full band recordings for MIR analysis*

**Dave Foster & Simon Dixon:** *Dual-onset detection for rhythmic analysis of jazz recordings*

11:15 – 12:45

**Ralf von Appen & David Carter:** *Measuring the myth* (working title)

**Guilherme Schmidt Câmara:** *Just noticeable differences in microtiming* (working title)

Lunch

1:45 – 3:15

**3 Workshops (simultaneously):**

**Egor Polyakov:** *How constant is your beat? Computer-assisted analysis of beat and tempo fluctuations from acousmatic music to minimal techno with “beat\_it” Toolbox.*

**Magdalena Fuentes, Lucas Maia, Rainer Polak, Martin Rocamora:** *Workshop on Computational Tools for Rhythm and Microtiming Analysis*

**Kristian Wahlström:** *Groove Workshop – Pedagogical Techniques for Improving the Tightness and Feel of a Band*

3:30 – 4:30

Keynote **Justin London**

5:00 – 6:30

**Matthias A. Zoeller:** *Manipulation of microrhythm in digital music creation*

**Jan-Olof Güllö & Gary Bromham:** *Manipulation of microrhythm and microtiming in digital music creation with a focus on mixing music*

7:30

Conference Dinner



# Rhythm under the Microscope

Fri, Sep 27

9:30 – 11:00

**Mari Romarheim Haugen:** *Rhythmic feel and body movements in groove performance*

**Gérald Guillot:** *Didactic regulation to counter cultural resistance within an Afro-Brazilian structural microtemporality learning process*

11:15 – 12:45

**Rainer Polak & Sylvie Nozaradan:** *Non-isochronous subdivisions as metric forms*

**George Sioros:** *Non-Isochronous grids: a polyrhythmic interpretation of microtiming patterns*

Lunch

2:00 – 3:30

**Nuno Trocado:** *Swinging in double-time: the affective qualities of fast jazz rhythm*

**Stephanie Doktor:** *Microrhythmic expression in jazz fusion: A case study on Hiatus Kaiyote*

3:45

Closing Remarks