

Perspectives on Rhythm and Timing (PoRT)

University of Glasgow, July 19-21, 2012

Programme

Day 1, Thursday 19 July 2012

08:00-09:00	Registration
09:00-09:10	Opening Remarks
	Orientation Session 1: Linguistic-Phonetic Perspectives
09:10-09:50	Chair: Amalia Arvaniti Francis Nolan & Hae-Sung Jeon: <i>Speech rhythm: A mirage?</i>
09:50-10:30	Alice Turk & Stefanie Shattuck-Hufnagel: <i>Timing in talking: What is it used for and how is it controlled?</i>
10:30-10:55	Jelena Krivokapić: <i>Response to Nolan/Jeon & Turk/Shattuck-Hufnagel</i>
10:55-11:25	Questions and Discussion
11:25-11:55	Coffee
11:55-13:00	Poster Session 1 (see below)
13:00-14:00	Lunch
	Contributed Session 1: Rhythms of Speech
14:00-14:25	Chair: Rachel Smith Christopher C. Heffner, Laura Dilley, & J. Devin McAuley: <i>Going the distance: Effects of distal and global timing on word segmentation</i>
14:25-14:50	Jason A. Shaw: <i>Biases toward metrical (ir)regularity in speech production</i>
14:50-15:15	Younah Chung & Amalia Arvaniti: <i>Speech cycling in Korean</i>
15:15-15:40	Elaine Schmidt & Brechtje Post: <i>Rhythmic development in Spanish-English bilinguals</i>
15:40-16:10	Coffee
	Contributed Session 2: Entrainment
16:10-16:35	Chair: Tamara Rathcke Amélie Rochet-Capellan, Susanne Fuchs & Pascal Perrier: <i>How listeners' respiration changes while listening to speech</i>
16:35-17:00	Ian R. Finlayson, Robin J. Lickley, Martin Corley: <i>Convergence of speech rate: Interactive alignment beyond representation</i>
17:00-17:25	Sylvie Nozaradan, Isabelle Peretz & André Mouraux: <i>Selective neuronal entrainment to the beat, spontaneously unfolded while listening to syncopated musical rhythms</i>
17:25-17:50	Fiona Manning & Michael Schutz: <i>Tapping quality predicts rhythmic acuity</i>
19:00 for 19:30	Conference Dinner and Ceilidh Sloans, 62 Argyll Arcade, 108 Argyle Street, Glasgow, G2 8BG

Day 2, Friday 20 July 2012

08:00-09:00	Registration
09:00-09:40	<p>Orientation Session 2: Neurobiological Perspectives Chair: Devin McAuley Edward Large: <i>Resonating to rhythm</i></p>
09:40-10:20	<p>Sophie K. Scott, Carolyn McGettigan & Zarinah Agnew: <i>Slave to the rhythm: The roles of auditory processing in speech production</i></p>
10:20-10:45	<p>Sarah Hawkins: <i>Response to Large & Scott/McGettigan/Agnew</i></p>
10:45-11:15	Questions and Discussion
11:15-11:45	Coffee
11:45-13:00	Poster Session 2 (see below)
13:00-14:00	Lunch
14:00-14:25	<p>Contributed Session 3: Rhythms of Attention Chair: Hugo Quené E.Y. Kim & J. D. McAuley: <i>Dynamic attending and the perceived duration of auditory oddballs</i></p>
14:25-14:50	<p>Fleur Bouwer, Gábor Háden, Titia van Zuijlen & Henkjan Honing: <i>Rhythmic regularity revisited: Is beat induction indeed pre-attentive?</i></p>
14:50-15:15	<p>Jessica A. Grahn: <i>Chunking versus beat perception in auditory short-term memory</i></p>
15:15-15:40	<p>Daniel Cameron, Job Lindsen, Marcus Pearce, Geraint Wiggins, Keith Potter and Joydeep Bhattacharya: <i>Metrical ambiguity in a piece of rhythmic music</i></p>
15:40-16:10	Coffee
16:10-16:35	<p>Contributed Session 4: Oratory, Poetry and Musicality Chair: Caroline Palmer Sarah Knight & Ian Cross: <i>Rhythms of persuasion: The perception of periodicity in oratory</i></p>
16:35-17:00	<p>Christian Obermeier, Martin von Koppenfels, Winfried Menninghaus & Sonja A. Kotz: <i>Meter and rhyme ease processing time in poetry</i></p>
17:00-17:25	<p>Paulo Branco, Susana Silva, Fernando Barbosa, João Marques-Teixeira & São Luís Castro: <i>Does musical training influence how we process spoken and hummed speech? An electrophysiological study using the Closure Positive Shift</i></p>
17:25-17:50	<p>Gabriele Menz: <i>Are we losing figural rhythm conceptions as future music teachers?</i></p>

Day 3, Saturday 21 July 2012

08:00-09:00	Registration
09:00-09:40	<p>Orientation Session 3: Clinical Perspectives Chair: Jessica Grahn Sonja A. Kotz: <i>Timing and prediction in audition: From sound to speech</i></p>
09:40-10:20	<p>Anja Lowit <i>Application of rhythm metrics in disordered speech: What should we measure and what do they really tell us?</i></p>
10:20-10:45	<p>Katie Overy: <i>Response to Kotz & Lowit</i></p>
10:45-11:15	Questions and Discussion
11:15-11:45	Coffee
11:45-12:10	<p>Contributed Session 5: Disorders of Rhythm Chair: Laurence White Caroline Palmer, Pascale Lidji & Isabelle Peretz: <i>Pulse and the role of intrinsic frequency in temporal adaptation</i></p>
12:10-12:35	<p>Kathinka Poismans: <i>Who's In-Time?</i></p>
12:35-13:00	<p>Reyna L. Gordon, Miriam D. Lense, Cyrille L. Magne, Alexandra P.F. Key & Elisabeth M. Dykens: <i>The influence of musical rhythm on the perception of word stress in Williams Syndrome</i></p>
13:00-14:00	Lunch
14:00-15:00	<p>Tutorial Session: Dynamical Modelling of Rhythm and Timing Chair: Michael O'Dell Fred Cummins: <i>A gentle introduction to dynamical systems theory for researchers in speech, language and music</i></p>
15:00-15:30	<p>Edward Large: <i>Rhythm processing in networks of neural oscillators</i></p>
15:30-16:00	<p>Alice Turk & Stefanie Shattuck-Hufnagel: <i>Timing in models of speech motor control</i></p>
16:00-16:15	Questions and discussion
16:15-16:45	Coffee
16:45-17:15	Drumming workshop with Art-Beat
17:15-18:00	<p>Round Table discussion Chairs: Justin London and Stefanie Shattuck-Hufnagel</p>
from 18:00	<p>Wine Reception by Glasgow City Council Closing Remarks and Award of Student Prizes</p>

Poster Session 1 (Thursday 19 July)

Ghazi Algethami	The production and perception of English speech rhythm by L2 Saudi speakers
Anjali Bhatara <i>et al.</i>	Native language and stimulus complexity affect rhythmic grouping of speech
Nia Cason <i>et al.</i>	Rhythmic priming of speech for enhanced processing
Laura Cirelli <i>et al.</i>	Does joint entrainment lead to social facilitation in infants?
Anne Danielsen <i>et al.</i>	Entrainment and pulse in groove-based music
Volker Dellwo <i>et al.</i>	Speaker identification based on speech rhythm: the case of bilinguals
David Ellis <i>et al.</i>	Gender differences in a retrospective duration judgement
Chiara Gambi <i>et al.</i>	Mechanisms for the timely coordination of utterances
Justin London <i>et al.</i>	Tapping rate affects tempo judgments for some listeners
Andy McGuinness	Modelling groove microtiming with pulse-coupled oscillators
Michael O'Dell <i>et al.</i>	Integrating turn-taking behaviour in a hierarchically organized coupled oscillator model
Viktória Papp	Rhythmic jitter: Accounting for low nPVI in languages with quantity contrast
Leendert Plug <i>et al.</i>	Timing and tempo in spontaneous self-repair
Hugo Quené <i>et al.</i>	Effects of stress and meter on duration perception in Spanish
Matthew Rodger <i>et al.</i>	Movement timing is affected by differences in interval-specifying sounds
Antonio Romano <i>et al.</i>	Testing rhythmic and timing patterns of Italian
Marieke van der Steen <i>et al.</i>	Investigating the role of adaptation and anticipatory mechanisms on sensorimotor synchronization using ADAM
Jan Volín <i>et al.</i>	Idiosyncrasies in local articulation rate trajectories in Czech
Maria Witek <i>et al.</i>	"...And I feel good!" Neural, embodied and subjective correlates of the pleasure of groove
Marcin Włodarczyk <i>et al.</i>	Evidence for coordination between overlap onsets and inter-stress intervals
Ivan Yuen <i>et al.</i>	Phrase-final lengthening, focus and Australian-English vowel length contrast
Natalia Zharkova	Timing of tongue movement in preadolescents

Poster Session 2 (Friday 20 July)

Amalia Arvaniti <i>et al.</i>	The role of rhythm classes in language discrimination
Rasmus Bååth	A new look at subjective rhythmisation
Marina Maluli César	Tempo and musical performance: A tense hearing
Kevin Dahan	Towards a musicology of temporal cycles
Simone Falk <i>et al.</i>	Regular timing patterns, sensorimotor synchronization and text-change detection in speech
Anatole Fiodorov	Temporal and melodic patterns of speech: semantics and idiosyncrasy
Molly Henry <i>et al.</i>	Neural entrainment to frequency- and amplitude- modulated sounds
JJ Honisch <i>et al.</i>	Transmission of timing cues along a chain of individuals
Hamutal Kreiner	Prosodic rhythms in reading and their contribution to text integration
Jacques Launay <i>et al.</i>	Anti-phase synchronisation: Does 'error correction' really occur?
Adrian Leemann <i>et al.</i>	Dialectal typology based on speech rhythm
Aike Li <i>et al.</i>	L2 rhythm development by Mandarin Chinese learners of English
Cyrille Magne <i>et al.</i>	Music aptitude influences speech meter sensitivity
Zofia Malisz <i>et al.</i>	An oscillator based modelling of German spontaneous speech rhythm
Oliver Niebuhr	The rhythm window
Viktória Papp	Rhythmic typology of three languages with vowel harmony and quantitative contrast
Brandon Paul <i>et al.</i>	The influence of imposed metrical organization on temporal order judgments in isochronous sequences
Johan Paulin <i>et al.</i>	Properties of professional drum accompaniment performances and their relation to listeners' groove
Rosalía Rodríguez-Vázquez	New approaches to prosodic analysis: Galician song
Michael Schwartze <i>et al.</i>	Early electrophysiological markers of formal and temporal prediction
Stefanie Shattuck-Hufnagel <i>et al.</i>	How well can speakers produce temporally-regular taps and syllables?
Ewa Wanat <i>et al.</i>	Effects of imitative training techniques on L2 production and perception
Laurence White	Where is the rhythm in speech?
Andreas Windmann <i>et al.</i>	Optimization modelling of speech timing