



International Laboratory for  
Brain, Music, and Sound Research

# Auditory Cognitive Neuroscience Symposium

April 16<sup>th</sup> 2010

## DETAILED PROGRAM

Jeanne Timmins Auditorium  
Montreal Neurological Institute  
3801 University Street, Montreal (QC) H3A 2B4

8:45am – Opening

9:00am - Session 1: "Neural Coding in the Auditory Cortex"

9.00 - **Claude Alain, Rotman Research Institute**  
"Neuromagnetic recordings reveal additive effects of spectral and spatial cues in human auditory cortex"

9.25 - **Evan Balaban, McGill University**  
"The auditory discontinuity illusion: Individual differences in scene analysis related to the strength of short-latency neural responses"

09.50 - **Tobias Overath, New York University, USA**  
"Cortical mechanisms for the segregation and representation of acoustic textures"

10.00 - **Marc Schoenwiesner, Université de Montréal**  
"How to get out more often (and take your experiment with you)"

10:25am - Coffee breaks & posters

10:45am - Session 2: "Emotional Communication by Sound"

10.45 - **Jorge Armony, McGill University**  
"Perception and memory of emotional expressions across modalities"

11.10 - **Hauke Egermann, McGill University**  
"Emotion Induction Through Music: Effects of Listening Contexts and Musical Structures"

11.20 - **Sarah Wilson, University of Melbourne, Australia**

"Music as Communication: 'Finding your voice'"

11.45 - **Teppo Särkämö, Helsinki University, Finland**

"Auditory plasticity induced by music and speech listening after stroke: an MEG follow-up study"

11.55 - **Pascal Belin, University of Glasgow, Scotland**

12:20 - Lunch break\*

**\* Lunch can be purchased at the Royal Victoria Hospital cafeteria:**

*From the MNI entrance on first floor, take the elevator to 3<sup>rd</sup> floor, take the hallway in front of you to cross the 3<sup>rd</sup> floor bridge to get to the Royal Victoria. Continue straight ahead, and you'll see the Royal Victoria cafeteria entrance at the end of the hallway.*



## 2:00pm - Session 3: "Sensorimotor Integration"

2.00 - **Caroline Palmer, McGill University**

"Sensorimotor integration among performing musicians"

2.25 - **Bruno Giordano, McGill University**

"Cortical processing of environmental sounds"

2.35 - **Virginia Penhune, Concordia University**

"Rhythm processing and auditory-motor integration"

3.00 - **Patrice Voss, McGill University**

"Auditory processing in blind individuals"

3.10 - **David Poeppel, New York University, USA**

"Feedforward and feedback at the nexus of sensorimotor integration"

## 3:35pm - Coffee break & posters

## POSTER PRESENTERS

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1- **William Aubé** (Université de Montréal) -

"The effects of emotion on memory: A comparison between music and voices"

**Anne Bolders** (Leiden University) - "The influence of affective context on loudness judgments and detection threshold for pure tones" *Cancelled*

2- **Elodie Cauvet** (INSERM CEA) - "Effect of constituent structure complexity in spoken language and in music"

3- **Jean-Pierre Chartrand** (Université de Montréal) - "Effects of auditory expertise on voice-selective cortex"

4- **Andy Christen** (University of Geneva) - "Dynamics of local field potentials within human amygdala and orbitofrontal cortex in response to attended and unattended emotional prosody"

5- **Marion Cousineau** (Université Paris Descartes, ENS Ulm) - "A special status for sequences of pitch"

6- **Nathalie Gosselin** (Université de Montréal) - "Statement / Question Categorization in Congenital Amusia"

7- **Zakia Hammal** (Université de Montréal) - "Spatial Frequencies Mediating Music Reading"

8- **Marina Korsakova-Kreyn** - "Affective Responses to Tonal Modulation to Selected Steps"

9- **Marie-Andrée Lebrun** (Université de Montréal) - "Congenital Amusia in childhood"

10- **Julie Mercier** (McGill University) - "Individual Differences in Executive Function and Spoken Word Recognition"

11- **Dawn Merrett** (University of Melbourne) - "Using Music to Speak After Stroke"

12- **Geneviève Mignault** (Université de Montréal) - "Congenital amusia in children: An electrophysiology study"

13- **Maxime Pelland** (Université de Montréal) - "Familiar voice perception in noisy environment"

14- **Julie Peron** (Université Rennes 1, France) - "Major Depressive Disorder Skews the Recognition of Emotional Prosody"

15- **David Sears** (McGill University) - "The Effect of Performance Features on the Psychophysiological Responses of Listeners"

16- **Mary Elizabeth Sutherland** (Montreal Neurological Institute) - "Maturation of Auditory Cortex through Adolescence and its Relationship to Detection of 2-Hz Frequency Modulation"

17- **Wiebke Johanna Trost** (University of Geneva) - "The physiological signature of musical emotions"

18- **Anna Zumbansen** (Université de Montréal) - "Melodic Intonation Therapy for aphasia rehabilitation: Where are we now?"

