

# Fechner Day 2015

## Scientific Program and Meeting Schedule

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### Monday, August 17

17.00 – 19.00      Welcome reception: Lobby, Clarendon Hotel

### Tuesday, August 18

9.15 – 9.30      Welcome and announcement

9.30 – 10.30      Keynote speaker

Bruce A. Schneider, University of Toronto

*THE FUTURE OF PSYCHOPHYSICS: DEVOLUTION OR EVOLUTION?*

10.30 – 10.50      Coffee break

10.50 – 12.05      Free talks

**The effects of tone duration and inter-stimulus interval on spectral and dichotic TOJ**

Leah Fostick and Harvey Babkoff

**Loudness effect on pairwise comparisons and sorting tasks**

Patrick Susini, Olivier Houix, Guillaume Saint Pierre and Emmanuel Ponsot

**The effect of segment duration on the intelligibility of locally time-reversed speech: A multilingual comparison**

Kazuo Ueda, Yoshitaka Nakajima, Shunsuke Tamura, Wolfgang Ellermeier, Florian Kattner, and Stephan Daebler

→ Lunch (included) and afternoon at Laval University

14.00 – 14.50                      Free talks

**Predicting and perceiving heaviness: the integration of material and size.**

Michele Vicovaro and L. Burigana

**Several examples of tactile illusion**

Tetsu Miyaoka

14.50 – 16.00                      Poster session

16.00 – 16.50                      Free talks

**The role of modality in time perception after tDCS applied over primary auditory and visual cortex**

Giovanna Mioni, M. Forgiione, L. Levorato, S. Grondin, D. Mapelli, and F. Stablum

**Perceived intensity, pleasantness and related fMRI-brain activity of olfactory stimuli**

Friedrich Müller, Simona Negoias, Artin Arshamian, Thomas Hummel, Bernd Weber and Jennifer Faber

17.15 – 18.45                      Visit of Villa Bagatelle (Exhibition : “L’art en soi”)

## **Wednesday, August 19**

9.00 – 10.15                      Free talks

**The Anisotropy of Visual Space as a Function of Distance from the Observer and Cue Conditions**

Mark Wagner

**Perceived durations of filled and empty intervals**

Emi Hasuo, Yoshitaka Nakajima, Takuya Kishida, Gerard B. Remijn, and Kazuo Ueda

**A comparison of the psychoacoustic profiles of young dyslexic VS normal readers and of the elderly VS the young indicate similar as well as different deficits**

Harvey Babkoff and Leah Fostick

10.15 – 10.45                  Coffee break

10.45 – 12.00                Free talks

**Estimating the duration of decision process epochs**

Stephen Link

**Snake Oil or Super Solution? Statistical and Psychological Approaches to Binary Decision Making**

Diana Kornbrot

**Technology Then Science—The First Breeds the Last**

Eugene Galanter

12.00                          Group photo

No scientific activities in the afternoon

14h30 – 16h 30              **Guided visit of Old Québec**

**Thursday, August 20**

9.00 – 10.15                      Free talks

**Molyneux's Question and its Implications for Theories of Cross-Modal Binding**

Nicholas Altieri

**Dissociation of Perceived Force and Resistance: Implications for Phenomenal Causality and Naïve Physics**

Timothy L. Hubbard and Susan E. Ruppel

**Hedonic contrast within a meal**

Debra Zellner

10.15 – 10.45                      Coffee break

10.45 – 12.00                      Free talks and In memoriam: Bill Petrusic and Hannes Eisler

**Tracking the eyes during numerical comparison**

Craig Leth-Steensen and Matthew Huebner

**Scaling Internal Representations of Confidence: Effects of Range, Interval and Number of Response Categories**

Jordan Richard Schoenherr and William M. Petrusic

**In memoriam: William M. Petrusic**

Jordan Richard Schoenherr and Craig Leth-Steensen

**In memoriam: Hannes Eisler**

Åke Hellström

13.45 – 15.00                      Free talks

**A psychophysical approach to human performance development**

Patricia Hannan, Eugene Galanter, Millard F. Reschke and Christina Wight

**How do we connect with the flow of events: the case of schizophrenia.**

Anne Giersch, Céline Duval, and Dorine Blaison

**Pain perception in infants and its relation to maternal emotional state**

Rosana M. Tristão, Kelly C. S. C. Bonan and José A. L. Jesus

15.00 – 15.20                      Coffee break

15.20 –                              Business Meeting

18.00: Departure from the Clarendon Hotel for the Conference Banquet at Manoir Montmorency

## **Friday, August 21**

9.30 – 10.40                      Free talks → **Young Psychophysicists**

**Temporal weighting of loudness: Different psychophysical tasks reveal different evaluation strategies**

Emmanuel Ponsot, Patrick Susini, and Daniel Oberfeld

**On the critical number of power-fluctuation factors needed for Japanese noise-vocoded speech perception**

Takuya Kishida, Yoshitaka Nakajima, Kazuo Ueda and Gerard B. Remijn

**Relationship between Autonomic Activity and Time Perception Abilities**

Nicola Cellini, Giovanna Mioni, Ilenia Levorato, Simon Grondin, Franca Stablum and Michela Sarlo

10.40 – 11.00                      Coffee break

11.00 – 11.40

Free talks → **Young Psychophysicists**

**The Effects of Emotional Facial Expression on Time Perception in Patients with Parkinson's Disease**

Giovanna Mioni, L. Meligrana, S. Grondin, F. Perini, L. Bartolomei, L. and F. Stablum

**Letters in the forest: global precedence effect disappears for letters but not for non-letters under reading-like conditions**

Andreas Schmitt and Thomas Lachmann

## **List of posters**

### **Context effect or change in sensitivity? Investigating the Standard-Dependency of Power Law Exponents and Weber Fractions**

Jana Birkenbusch and Wolfgang Ellermeier

### **The FechDeck: a hand-tool for exploring psychophysics**

James A. Ferwerda

### **Integration of stimulus dimensions in judgments of area and shape: Modeling guided by level curves**

Åke Hellström

### **Dichotic continuity illusion revisited**

Tsuyoshi Kuroda, Makoto Miyazaki and Simon Grondin

### **Duration reproduction across two hands: Relation with the kappa effect**

Tsuyoshi Kuroda, Makoto Miyazaki

### **The effect of disgusting food and disgusted faces on time perception**

Vincent Laflamme, Noémie de la Sablonnière, Simon Grondin

### **Cross-modality matches of intensity and attention capture dimensions of auditory and vibrotactile stimuli**

Erik Marsja, Gregory Neely, Lichen Ma and Jessica K. Ljungberg

### **Overall Significance versus Individual Outcome in Reverse Vocal Stroop**

John S. Monahan

### **About the intermodality and uncertainty effect on the discrimination of empty time intervals when the first signal is tactile**

Guillaume Plante, Joanie Drouin, Leila Aazari, Simon Grondin

**The effect of numerical digit value on perceived duration does not depend on the mere number categories of low and high values**

Thomas H. Rammsayer and Martin Verner

**Face Color Affects Identification of Facial Expression.**

Fumiyo Takahashi and Yasuhiro Kawabata

**When does a collision look natural? The role of the elasticity of the colliding objects.**

Michele Vicovaro and L. Burigana

**No evidence of a new kind of condensation**

Jordan Wyatt and Scott Parker