

# Motor Behavior and Emotion

International Congress 2016, November 21-23

Organized by Y. Delevoeye-Turrell & Y. Wamain

University of Lille, Hauts de France, CNRS, SCALab, Decathlon SportsLab

## Program

### Monday 21th:

9:00-10:00: Registration

10:00-10:30: Welcome and presentation of the conference theme to celebrate the Fun2Move trans-disciplinary project

10:30-12:30:

#### 1. **SYMPOSIUM Fun2Move: Creating the Feel Good Experience**

- Mauraine Carlier - SCALab CNRS, University of Lille, France  
*What is the feel good Experience in low and high tolerant individuals?*
- Yannick Wamain - SCALab CNRS, University of Lille, France  
*Knowing how you feel by watching your steps.*
- Justine Blampain - SCALab CNRS, University of Lille, France  
*The power of odours to make you imagine and prepare your future move.*
- Yvonne Delevoeye-Turrell - SCALab CNRS, University of Lille, France  
*Rhythm and Energy uplift my emotional states.*

12:30-14:00: Lunch

14:00-14:30: Technical Advancement: **QUALYSIS Innovations**

14:30-17:30:

#### 2. **SYMPOSIUM: Demonstration and self-experiencing**

- *Audio-Interact: the app to make exercising Fun!*
- *Odor disorder: emotion perturbs my liking*
- *Questionnaires to better know myself*
- *Reading emotional states: a coaching devise*
- *FunToLearn: the app to help me discover art*
- *Hallucinations in children: a game to understand*

And more to come!

18:30-19:00: Opening Ceremony

19:00-20:00: **KEYNOTE P. Ekkekakis** - [Iowa State University](#), Ames, USA

**Exercise hedonics: Pleasure-displeasure responses to exercise and their implications for exercise behavior**

20:00: Cocktail

## Tuesday 22th:

9:00-9:30: Welcome

9:30-10:30: **INVITED LECTURE M. Leman** - IPEM, Ghent University, Ghent, Belgium

### **Musical entrainment of movements -- theory, research, and technological applications**

10:30-11:00: Coffee Break

11:00-12:30:

#### **3. SYMPOSIUM: Motor Performance**

- Pieter-Jan Maes - IPEM, Ghent University, Ghent, Belgium  
*Enhancing spontaneous synchronisation of cyclists' pedal cadence to external music, through sonification of motor rhythms.*
- Alain Gros Lambert - Laboratoire Culture Sport Santé Société, UPFR des Sports de Besançon, University of Franche Comté, France  
*Perceived exertion: influence of expected, unexpected relief and frustration on time to exhaustion.*
- Alexis Herbaut - Decathlon SportsLab, Villeneuve d'Ascq et LAMIH, Valenciennes, France  
*The long term effects of shoe drop reduction on the biomechanics of children tennis players.*
- Cécile Marie - Laboratoire Technique et Enjeux du Corps, UFR STAPS University Paris Descartes, Paris, France  
*Emotions and learning during the adaptation to a visuo-manual disturbance.*

12:30-14:00: Lunch

14:00-14:30: Tech +: **BIOMETRICS Innovations**

14:30-16:00:

#### **4. SYMPOSIUM: Functional Rehabilitation**

- Laurence Kern - Laboratoire CeSRM, EA2931, UFR STAPS, University Paris Ouest Nanterre La Défense, Nanterre, France  
*Elaboration and evaluation of an Adapted Physical Activity program from cognitive remediation therapy for patients with schizophrenia.*
- Louise Kirsch - Department of Clinical, Educational and Health Psychology, University College London, London, UK  
*The impact of physical and visual experience on the aging brain.*
- Maxime Tréhout - Service de Psychiatrie Adulte, Pôle Santé Mentale, Centre Esquirol, CHU de Caen, Caen, France  
*Effectiveness of an Adapted Physical Activity program via web (e-APA) in patients with schizophrenia and healthy controls: a controlled multicenter feasibility study.*

- Anna Borowick - Laboratoire HP2, University Grenoble Alpes, Grenoble, France  
*New modalities of obesity treatment: effect of high intensity intermittent exercise combined with autonomy support on affective response to exercise.*

16:00-17:30: Poster & Coffee Break

17:30-19:00:

5. **SYMPOSIUM: BeatHealth**

- Loïc Damn - EuroMov Laboratory, University of Montpellier, Montpellier, France  
*Influence of music on locomotor and respiratory rhythms.*
- Simone Della Bella - EuroMov Laboratory, University of Montpellier, Montpellier, France  
*How to optimize rhythmic auditory stimulation in Parkinson's disease.*
- Jeska Buhmann - Institute for Psychoacoustics and Electronic Music, Department of Musicology, Ghent University, Ghent, Belgium  
*Music selection: a user- and task-specific protocol.*
- Rudi Villing - Maynooth University Department of Electronic Engineering, Ireland  
*Movement and music: the BeatHealth mobile technology platform.*
- A Garzo - Health Div., e-Health Dept., Tecnalia, Sebastian, Spain  
*BeatHealth cloud platform: security and privacy compliant design.*

20:30: Social Event

## Wednesday, 23th:

9:00-9:30: Welcome

**9:30-10:30: INVITED LECTURE B. De Gelder** - Brain and Emotion Laboratory, Maastricht University, Maastricht, Nederland.

### **The body, its actions and its expressions untangled.**

10:30-11:00: Coffee Break

11:00-12:30:

#### **6. SYMPOSIUM: Visual Strategies**

- Henrique Sequeira - SCALab CNRS, University of Lille, France  
*Emotional Coding in Peripheral Vision.*
- Monika Szymanska - Laboratory of Integrative and Clinical Neurosciences, University of Franche-Comté, Besançon, France  
*The impact of insecure attachment on eye movements and neurophysiological parameters of emotional regulation strategies in adolescents.*
- Antoine Deplancke & Yvonne Delevoye-Turrell - SCALab CNRS, University of Lille, France  
*Using eye-tracking to characterise design preferences as a function of motivation profiles to engage in leisure sporting activities. In collaboration with Domyos*
- Ana Julia Moreira - SCALab CNRS, University of Lille, France  
*On the search for understanding car exterior designs' perception: a behavioral and psychophysiological approach.*

12:30-14:00: Lunch

14:00-14:30: Tech +: **SMI & BIOPAC Innovations**

14:30-16:00:

#### **7. SYMPOSIUM: Social Interaction**

- Ali Oker - Télécom Paristech, LTCI FRE CNRS, Paris, France  
*VIB-Ex: A saiba compliant platform for naturalistic social cognition experimentation.*
- Wolfgang Tschacher - University Hospital of Psychiatry and Psychotherapy, University of Bern, Switzerland  
*Temporal synchronization of body movement in psychotherapy.*

- Juliane Honisch - School of Psychology and Clinical Language Sciences, University of Reading, Reading, UK.  
*Cue properties change timing strategies in group synchronisation.*
- François Quesque – University of Lyon  
*Perceiving private mental states in body movements*

**16:00-17:00: INVITED LECTURE C. I. Karageorghis** - Department of Life Sciences, Brunel University London, UK

**La Puissance du Son: Exploring Affective, Cognitive and Behavioral Responses to Music in Physical Activity**

17:00-17:30: Closing Ceremony