

FINANCIAL PARTNER:

La région Nord-Pas de Calais

http://www.nordpasdecals.fr/jcms/c_5001/accueil

University of Lille

www.univ-lille.fr

Decathlon

<http://corporate.decathlon.com/nos-innovations/recherche-et-developpement/>

SCALab, the 9193 CNRS research laboratory in Cognitive and Affective Sciences

www.scalab.cnrs.fr

Icavs, a program in Vision Studies

<http://scv.hypotheses.org>

SCIENTIFIC PARTNERS:

YVONNE DELEVOYE-TURRELL

Professor in Cognitive Psychology - Vision & Action, University of Lille, UMR 9193, CNRS - SCALab

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My work focuses on the study of the cognitive aspects of rhythmic interactions. Experimental results are analysed in the theoretical framework of embodied cognition to assess the role of body rhythmicity in the emergence of positive and motivational experiences. Behavioral measurements (kinematics; force adjustments; hear rate) are coupled with questionnaires (tolerance to effort; motivation profiles) to determine the neuro-psychological mechanisms that control the temporal dynamics of voluntary movements.

THOMAS LARDAN

R&D Team Leader - Affective Sciences Laboratory, Decathlon SportsLab

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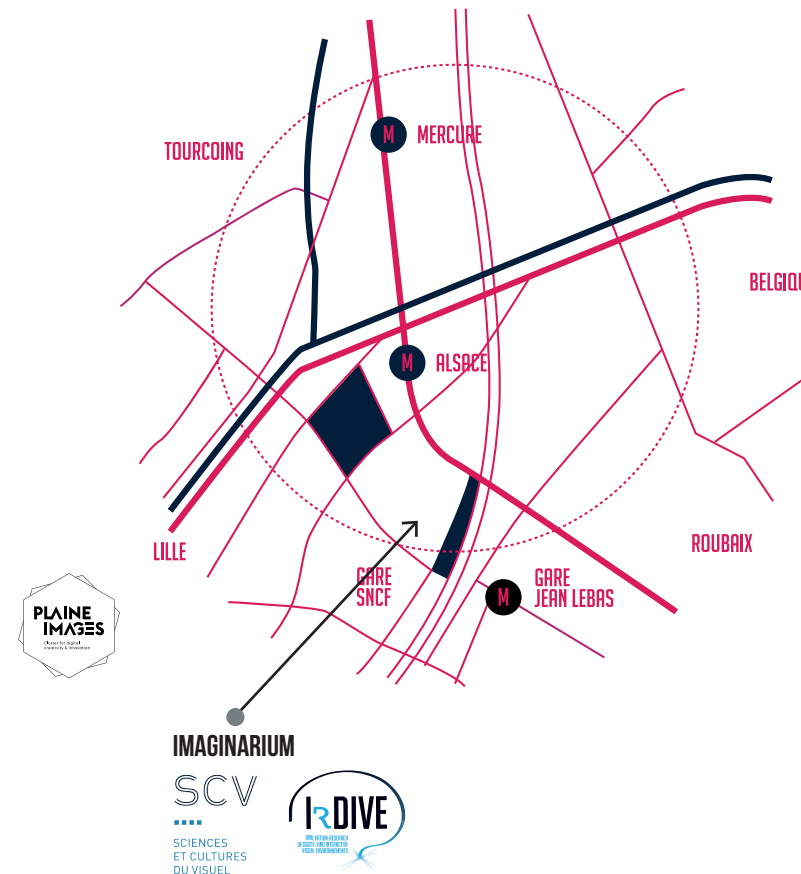
Every day, our team works with the brand names that belong to the Decathlon network to promote innovation in sports products. In the sensorial department, we aim to characterize and benchmark the users' perception of new products. In the user experience department, the sensorial experiences are tested in context during discovery and usage. Satisfaction and preferences verbal reports are used to improve the correspondance between pledge, choices and usage.



ARCIR partenariat : Interactivité pour le Sport plaisir

[HTTP://SPORT-PLAISIR.UNIV-LILLE3.FR](http://SPORT-PLAISIR.UNIV-LILLE3.FR)

Contact: mbe2016-organizingcommittee@univ-lille3.fr



MOTOR BEHAVIOR AND EMOTION

INTERNATIONAL CONGRESS 2016, NOVEMBER 21-23
ORGANIZED BY Y. DELEVOYE-TURRELL & Y. WAMAIN



PROGRAM



MONDAY 21TH:

9:00–10:00: Registration

10:00–10:30: Welcome conference

10:30–12:30:

1. SYMPOSIUM Fun2Move: Creating the Feel Good Experience

- Mauraine Cartier - 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:

Tech +: **QUALYSIS innovations**

14:30–17:30:

2. DEMONSTRATORS and self-experiencing

- Tracking my eyes
- 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
- Visit of the technical platform IrDive

18:30: Opening Ceremony

19:00:

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 Dalla 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.
- Ainara 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 Delevoeye-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 - Research Center of Neurosciences of Lyon, INSERM U1028, ImpAct team, Bron, France
Perceiving private mental states in body movements

16:00–17:00:

INVITED LECTURE

C. Karageorghis - School of Sport and Education, 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

