

RIO MEETING 2015 – UNIVERSITY OF STIRLING

Thursday 14th May 2015

Psychology Common Room, Cottrell Building 3A90, University of Stirling FK9 4LA

9:00 **Conference registration**

9:30 **Welcome and conference introduction**

9:45 INVITED LECTURE

Implementation of action observation in neurorehabilitation

Prof Ferdinand Binkofski (*Universitätsklinikum Aachen*)

SYMPOSIUM 1: Imagery and Observation in Clinical Science

Chair: Magdalena Ietswaart (*University of Stirling*)

10:45 **The effects of imitation and visual cues on hand movements in Parkinson's disease**

Bek, Gowen, Vogt, Crawford, Stack, Dick & Poliakoff

(*Universities of Manchester, Lancaster, Southampton & NHS Salford*)

11:15 TEA & COFFEE

11:30 **Investigating gesture viewpoint during action description in Parkinson's disease**

Humphries, Poliakoff, Crawford & Holler

(*Universities of Manchester, Lancaster & Max Planck Nijmegen*)

12:00 **Motor imagery use during recovery of function and performance: Is dissonance between simulation and execution debilitating**

MacIntyre, Barr, Kelly, Igou, Moran, Guillot, Collet, Di Rienzo, McAvinue,

Vogt, Frank & de Vries (*University of Limerick, and other*)

12:30 **The neural correlates of bilateral upper limb training after stroke: A Systematic Review**

Ling Choo, Gallagher, Morris, Pomeroy & van Wijck

(*Universities of Glasgow Caledonian, Dundee, East Anglia & NHS Tayside*)

1:00 LUNCH

SYMPOSIUM 2: **Imagery and Observation in Sport and Exercise Science**

Chair: Nicky Callow (*University of Bangor*)

- 2:00 **Motor simulation as a window into depression: Specific and non-specific motor imagery performance among injured athletes**
MacIntyre, Barr, Kelly, Igou, Moran, Guillot, Collet, Di Rienzo, McAvinue, Vogt & Frank (*University of Limerick, and other*)
- 2:30 **A mixed-methods approach to understanding imagery use during recovery from athletic injury: Imagery use, imagery abilities and meta-imagery abilities among athletes and support staff**
Barr, MacIntyre, Murphy, Kelly, Igou, Moran, Guillot, Collet, Di Rienzo, McAvinue, Vogt & Frank (*University of Limerick, and other*)
- 3:00 **Examining the effect of observation interventions on collective efficacy in elite youth rugby union players**
Bruton, Mellalieu & Shearer (*Universities of Roehampton, Swansea & South Wales*)
- 3:30 TEA & COFFEE
- 3:45 **Individual characteristics influence image meaning: Support for the revised applied model of deliberate imagery use**
Quinton, Cumming, Allsop, Gray & Williams
(*University of Birmingham, Arizona State University*)
- 4:15 **Exercise imagery mediates the relationship between exercise behaviour and affective outcomes**
Weibull, Burns & Cumming (*University of Birmingham*)
- 4:45 POSTER SESSION
- 5:30 DRINKS & NIBBLES DISCUSSION SESSION
- 6:00 THE METCAT SOCIAL EVENT **WHISKY TASTING**
- 7:30 CONFERENCE DINNER AT THE MEADOWPARK (pre-booking essential)

Friday 15th May 2015

Psychology Common Room, Cottrell Building 3A90, University of Stirling FK9 4LA

9:20 **Welcome**

SYMPOSIUM 3: Imagery and Observation in Action Cognition

Chair: Martin Edwards (*Université catholique de Louvain*)

9:30 **Exploring action simulation embodied cognition using distance estimation and reachability perception judgement**

Grade, D'Ursel, Salvaggio, Tournadre, Letesson, Pesenti & Edwards
(*Université catholique de Louvain*)

10:00 **The effects of physical practice on automatic imitation effects in rhythmical actions**

Eaves, Turner & Vogt (*University of Teeside, University of Lancaster*)

10:30 **Music, motion and emotion**

Bretherton & Watt (*University of Stirling*)

11:00 TEA & COFFEE

11:15 **Exploring the effects of attention and motor imagery on the kinematics of imitated hand actions**

Poliakoff, Bek, Marshall, Trueman & Gowen (*University of Manchester*)

11:45 **Action prediction from action observation and contextual cues**

Letesson, Suray & Edwards (*Université catholique de Louvain*)

12:15 **Action observation in parrots**

Bruce, Caldwell, Vick & Ietswaart (*University of Stirling*)

12:45 **LUNCH & POSTER SESSION**

1:45 INVITED LECTURE

Factors influencing the timing of real and imagined actions: Towards a unified model of imagery

Scott Glover (*Royal Holloway, University of London*)

2:45 GENERAL DISCUSSION

3.30 CLOSE

POSTERS

Exploring clinical effectiveness of coupling motor imagery practice with home-based exercise in patients with chronic knee pain: A proposal for a randomized controlled clinical trial

Alenezi, Hayes & Jones (*University of Bangor & NHS Llandudno Hospital Wales*)

Action observation motor rehabilitation in children with cerebral palsy

Alsamour, Gilliaux, Renders, Stoquart, Lejeune & Edwards
(*Université catholique de Louvain*)

Emotional response to imaged motor fluency occurs implicitly: Evidence from Facial Electromyography

Dennehy, Hayes, Boehm, Pawling & Tipper
(*Universities of Bangor, York & Liverpool and John Moores*)

Left inferior parietal tDCS modulates motor imagery

Evans, Taylor, Edwards & Ietswaart (*University of Stirling*)

Can balance disorders moderate our cognition? Creation and validation of a new questionnaire

Lacroix, Salvaggio, Deggouj, Wiener, Debue & Edwards
(*Université catholique de Louvain*)

Developing ways to capture motor imagery with mobile EEG

Ladouce, Donaldson, Duchencko & Ietswaart (*University of Stirling*)

Action observation and imagery to reduce neglect

Montedoro, Grade, Coyette, Prairial, Ivanoiu & Edwards
(*Université catholique de Louvain*)

Age congruency in emotion recognition from whole body point-light displays.

Pollux & Willmott (*University of Lincoln*)