**Research in Imagery and Observation**

**2021 Online Seminar Series Schedule**

All presentations are allocated a 25-minute time slot (15 min presentation, 10 min Q&A).

We will be hosting all sessions via Zoom. Please check your emails for the Zoom link and password to join the sessions. Alternatively, you can email one of the RIO organisers to request the link and password ([d.j.wright@mmu.ac.uk](mailto:d.j.wright@mmu.ac.uk); [adam.bruton@roehampton.ac.uk](mailto:adam.bruton@roehampton.ac.uk); [cornelia.frank@uni-osnabrueck.de](mailto:cornelia.frank@uni-osnabrueck.de); [d.eaves@tees.ac.uk](mailto:d.eaves@tees.ac.uk))

**Friday 26th February**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 2.30 | Welcome and Introduction |
| 2.30 – 2.55 | **Eoghan McNeill**1,2, Niall Ramsbottom2, Mark Campbell2, Adam Toth2  1Athlone Institute of Technology, 2University of Limerick  Motor imagery during action observation enhances sensorimotor performance in high skilled performers but not in low-skilled performers |
| 3.00 – 3.25 | **Pia Vinken**, Lia Bernewitz  Georg-August University of Göttingen  The role of body angles on the aesthetic perception of gymnastic body postures |
| 3.30 – 4.30 | **Diane Ste-Marie** (Invited speaker)  University of Ottawa  The Applied Model for the use of observation: Past, present, and future |

**Friday 5th March**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 2.15 | Welcome and Introduction |
| 2.15 – 2.40 | **Amit Abraham**1, Eric Franklin2  1Ariel University, 2International Institute for the Franklin Method  The role of dynamic Neuro-Cognitive Imagery (aka “the Franklin Method”) in enhancing body schema in people with Parkinson Disease |
| 2.45 – 3.10 | **Vasiliki Meletaki**, Bettina Forster, Beatriz Calvo-Merino  City, University of London  Dance expertise modulates emotion sensitivity: Insights from face processing and embodied cognition using somatosensory evoked potentials |
| 3.15 – 3.40 | **Manuel Mello**, Martina Fusaro, Gaetano Tieri  University of Rome La Sapienza  Interpersonal touch during sex-related body swap |

**Friday 12th March**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 2.15 | Welcome and Introduction |
| 2.15 – 2.40 | **Dagmara Budnik-Przybylska**1, Adrian Kastrau2, Patryk Jasik2, Łukasz Doliński2, Paweł Syty2, Karol Karasiewicz3, Maria Kaźmierczak1, Marta Łabuda2, Jacek Przybylski1  1University of Gdansk, 2Gdansk University of Technology, 3University of Szczecin  Imagery brain waves analysis in sport – Case study |
| 2.45 – 3.10 | **Stephan Dahm**, Matthias Weigelt, Martina Rieger  UMIT, The Tyrolean Private University  Effector-dependent and effector-independent sequence learning in mental and physical practice |
| 3.15 – 3.40 | **Marie Martel**, Scott Glover  Royal Holloway, University of London  The essential role of the dorsolateral prefrontal cortex in motor imagery: A TMS interference study |
| 3.45 – 4.10 | **James Roberts**1, Timothy Welsh2, Caroline Wakefield3  1Liverpool John Moores University, 2University of Toronto, 3Liverpool Hope University  Examining the equivalence between imagery and execution – Do imagined and executed movements code relative environmental features? |

**Friday 19th March**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 2.15 | Welcome and Introduction |
| 2.15 – 2.40 | **Eoghan McNeill**1,2, Adam Toth2, Niall Ramsbottom2, Mark Campbell2  1Athlone Institute of Technology, 2University of Limerick  Self-modelled versus skilled-peer modelled AO+MI effects on skilled sensorimotor performance: A Registered Report |
| 2.45 – 3.10 | **Adam Bruton**1, Adam Khan1, Oliver Spink1, Adam McGarry1, Cornelia Frank2, Daniel Eaves3, David Wright4, Samantha Chye1, Ashika Chembila Valappil1  1University of Roehampton, 2Osnabrück University, 3Teesside University, 4Manchester Metropolitan University  Combined action observation and motor imagery interventions improve self-efficacy and performance in sport |
| 3.15 – 3.40 | **Deirdre Ryan**1, Brona Fullen1, Ebonie Rio2, Ricardo Segurado1, Diarmiad Stokes1, Cliona O’Sullivan1  1University College Dublin, 2La Trobe University  The effect of action observation therapy in the rehabilitation of neuromusculoskeletal conditions: a systematic review |

**Friday 26th March**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 2.15 | Welcome and Introduction |
| 2.15 – 2.40 | **Camilla Woodrow-Hill**1, Ellen Poliakoff1, Emma Gowen1, Stefan Vogt2, Matthew Sullivan3  1University of Manchester, 2Lancaster University, 3Person with Parkinson’s  Can action observation and/or motor imagery be used to improve computer-based actions in people with Parkinson’s? |
| 2.45 – 3.10 | **Ying Bai**, Emma Gowen, Ellen Poliakoff  University of Manchester  Action understanding and autism spectrum condition: A systematic review |
| 3.15 – 3.40 | **Moudhi Al Twaijri**, Judith Bek, Ellen Poliakoff, Karen Lander  University of Manchester  Exploring how people with Parkinson's Disease observe dance with and without facial expressions |
| 3.45 – 4.10 | **Megan Readman**1, Ellen Polaikoff2, Judith Bek2, Sally Linkenauger1, Trevor Crawford1  1Lancaster University, 2University of Manchester  The influence of motor symptoms on motor imagery in Parkinson's Disease |

**Friday 9th April**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 2.15 | Welcome and Introduction |
| 2.15 – 2.40 | **Ashika Chembila-Valappil1**, Samantha Chye1, David Wright2, Cornelia Frank3, Daniel Eaves4, David Shearer5, Chris Tyler1, Ceri Diss1, Omar Mian1, Neale Tillin1, Adam Bruton1  1University of Roehampton, 2Manchester Metropolitan University, 3Osnabrück University, 4Teesside University, 5University of South Wales  Corticospinal Effects of Combined Action Observation and Motor Imagery: A Meta-Analysis |
| 2.45 – 3.10 | **Samantha Chye**1, Ashika Chembila-Valappil1, David Wright2, Cornelia Frank3, Daniel Eaves4, David Shearer5, Chris Tyler1, Ceri Diss1, Omar Mian1, Neale Tillin1, Adam Bruton1  1University of Roehampton, 2Manchester Metropolitan University, 3Osnabrück University, 4Teesside University, 5University of South Wales  Behavioral Effects of Combined Action Observation and Motor Imagery: A Meta-Analysis |
| 3.15 – 3.40 | **Mohamed Mohamed**, David Wright  Manchester Metropolitan University  The influence of visual perspective on corticospinal excitability during AO+MI |
| 3.45 – 4.10 | **Khalid Ahmed**, David Wright  Manchester Metropolitan University  Examining the relationship between imagery ability and corticospinal excitability during AO+MI |

**Friday 16th April**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.30 – 2.45 | Welcome and Introduction (Please note the slightly later start time to accommodate time differences) |
| 2.45 – 3.10 | **Jack Solomon**, Austin Hurst, Shaun Boe  Dalhousie University  Exploring error detection and correction in motor imagery |
| 3.15 – 3.40 | **Beverley Larssen**, Anthony Sze, Sarah Kraeutner, Nicola Hodges  University of British Columbia  Learning from others’ mistakes: differential effects of observing target errors versus adaptation errors for adaptation processes |
| 3.45 – 4.10 | **Devyani McLaren**, Sarah Kraeutner, Lara Boyd  University of British Columbia  Investigating the Impact of Motor Imagery Training on Proprioception |

**Friday 23rd April**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 2.15 | Welcome and Introduction |
| 2.15 – 3.15 | **Jacqueline Williams**  Victoria University  The chicken or the egg? Motor imagery deficits and movement impairment in Developmental Coordination Disorder |
| 3.20 – 3.45 | **Matthew Scott**1, Lewis McGoldrick2, Jonathan Emerson2, Daniel Eaves2  1Manchester Metropolitan University, 2Teesside University  Priming of reach trajectory when observing and imagining actions |
| 3.50 – 4.15 | **Craig McAllister**, David Thomas, Jonathan Chantry, David Punt  University of Birmingham  The effect of manipulations to hand posture on implicit motor imagery during the hand laterality recognition task |
| 4.20 – 4.45 | **Deirdre Ryan**1, Ebonie Rio2, Grainne O’Donoghue1, Cliona O’Sullivan1  1University College Dublin, 2La Trobe University  Investigating the effect of combined action observation therapy and strengthening exercises in the treatment of mid-portion Achilles tendinopathy |

**Friday 30th April**

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| **Time**  **(UK Time)** | **Presentation** |
| 2.00 – 5.00 | **Symposium:** A patient led approach to understanding cognitive representations of movement  Martin Edwards, Ellen Poliakoff, Giovanni Buccino, Shaun Boe, Gilles Vannucorps  Further details relating to the titles of the talks will be provided soon |