

Time schedule of the workshop “Psychophysiology of Error Processing”

Giessen, January 22nd until 24th 2020

Lisa Maurer, Michael Joch, Hermann Müller & Mathias Hegele

Location: Seminarraum, 3rd Floor, University Main Building, Ludwigstraße 23

Wednesday, January 22nd

Time	Content
12:00-12:30	Welcome and Snacks
12:30-13:30	Talk: Lisa Maurer, Giessen University: <i>Processing of movement errors: neural correlates, development, and relevance in motor learning</i>
13:30-14:45	Invited Talk: Marco Steinhauser, University Eichstätt-Ingolstadt: <i>Modelling rapid error valuation in decision tasks</i>
14:45-15:15	Coffee Break
15:15-16:15	Talk: Katja Fiehler, Giessen University: <i>Prediction of somatosensory action consequences</i>
16:15-17:30	Invited talk: Markus Ullsperger, University of Magdeburg: <i>Performance monitoring and decision making signals in the human brain</i>
18:30	Dinner

Thursday, January 23rd

Time	Content
09:00-10:00	Talk: Alexander Schütz, Marburg University: <i>Top-down error evaluation in saccade adaptation</i>
10:00-11:15	Invited Talk: Pierre-Michel Bernier, Sherbrooke University: <i>Oscillatory markers of sensory prediction errors and target errors during human sensorimotor adaptation</i>
11:15-11:45	Coffee break
11:45-12:45	Talk: Tilo Kircher, Marburg University: <i>Audio-visual matching and re-afference in schizophrenia</i>
12:45-13:45	Lunch
13:45-15:00	Invited Talk: Rachele Pezzetta, IRCCS Hospital San Camillo, Venice/ University of Rome: <i>Error monitoring during action observation in healthy and pathological populations in VR</i> Duru Gun Ozkan, University of Rome/ Radboud University, Nijmegen: <i>Joint action errors in VR and auditory lexical decision errors</i>
15:00-16:15	Invited Talk: Nicole Malfait, Aix Marseille University: <i>Functionally and spatially distinct beta-band activities and different motor adaptation components</i>
16:15-16:45	Coffee break
16:45-17:30	Group Discussion (<i>Canonical computations in performance monitoring: The interaction of different error signals for adaptive behavior</i>)
17:30-19:00	Transfer to labs at Giessen University, Labtour
19:30	Dinner

Friday, January 24th

Time	Content
09:00-10:15	Invited Talk: Reza Shadmehr, Johns Hopkins University, Baltimore : <i>Encoding of sensory prediction errors in the cerebellum</i>
10:15-11:30	Invited Talk: Nicholas Yeung, University of Oxford: <i>Errors, confidence, and adaptive decision making</i>
11:30-12:30	Lunch
12:30-13:45	Invited Talk: Ryan Morehead, University of Leeds: <i>tba</i>
13:45-14:45	Talk: Mathias Hegele, Giessen University: <i>The impact of timing of error information in human sensorimotor adaptation</i>
14:45-15:00	Coffee Break
15:00-16:00	Final Group Discussion
18:00	Dinner