

Poster session II (overview)

Friday, 14:00-15:30 | UB Freiburg

Setup of the posters starts at 12:00

Topic 1: Computational and Neuroimaging Methods

- **P2.001 - Ear-EEG compares well to cap-EEG in recording auditory ERPs: a quantification of signal loss**
A. Meiser, University of Oldenburg, Deutschland
- **P2.002 - The P600 and P3 are linked to noradrenergic activity: Evidence from EEG and pupillometry**
F. Contier, Universität Potsdam, Deutschland
- **P2.003 - Brain Dynamics And The Relationship to Conspiracy Theories**
Z. Razzaghpahan, Heidelberg Academy of Sciences and Humanities, Heidelberg, Germany

Topic 2: Individual Differences and (Epi)Genetics

- **P2.004 - Epigenetic modulation of psychobiological stress in everyday life: The moderating role of neuroticism**
M. Stoffel, Institut für Medizinische Psychologie, Universitätsklinikum Heidelberg, Deutschland
- **P2.005 - Epigenetic signatures of war-related trauma - a study of refugee families in Africa**
K. Mattonet, Institute for Interdisciplinary Research on Conflict & Violence (IKG), Bielefeld University, Germany
- **P2.006 - Context Effects, Skin Conductance Responses and Personality Traits - Influencing Variables on Risk-Taking within a Modified Version of the Balloon Analog Risk Task**
A. T. Henn, Department of Psychiatry, Psychotherapy and Psychosomatics, School of Medicine, RWTH Aachen University, Aachen, Germany
- **P2.007 - On the Highway of Human Cognition: Brain Structure-Function Coupling and its Relation with General Cognitive Ability**
J. Popp, Julius-Maximilians-University, Würzburg, Germany
- **P2.008 - Structural architecture and brain network efficiency links polygenic scores to intelligence**
D. Metzen, Biopsychologie, Institut für kognitive Neurowissenschaften, Fakultät für Psychologie, Ruhr-Universität Bochum, Deutschland

- **P2.009 - Resting-state networks of believers and non-believers: An EEG microstate study**
T. Kleinert, *University of Alberta, Canada*
- **P2.010 - Trait curiosity is associated with schizotypy in human adults**
T. Steiger, *Universität zu Lübeck, Institut für Psychologie*
- **P2.011 - From hands to heart: a trend for higher interoceptive accuracy in left-handed as compared to right-handed female participants**
S. Bernard, *University of Luxembourg, Luxembourg*

Topic 3: Learning, Memory, and Sleep

- **P2.012 - Exercise-induced increase in cytokine levels correlates with implicit learning in young adults**
K. Hötting, *Universität Hamburg, Biologische Psychologie und Neuropsychologie, Deutschland*
- **P2.013 - Increases in theta power precede successful formation of crossmodal associative memory**
J. Ostrowski, *Universitätsklinikum Hamburg-Eppendorf, Deutschland*
- **P2.014 - Attentional control and pattern reinstatement: on-going processes during long-term memory retrieval**
M. Sabo, *Leibniz Research Centre for Working Environment and Human Factors, Germany*
- **P2.015 - Investigating the functional specialization of human declarative memory subsystems**
S. Klinkowski, *University of Tuebingen*
- **P2.016 - Reactivation of Sequential Head Direction Memory Traces in Humans**
J. K. Schaefer, *Department of Psychology, Ludwig-Maximilians-Universität München, Munich, Germany*
- **P2.017 - (Re)learning of self-related beliefs**
A. Schröder, *University of Lübeck, Deutschland*
- **P2.018 - Reward responsiveness (BAS) facilitates gaining contingency awareness in appetitive, yet not aversive, conditioning**
J. Finke, *Universität Siegen, Deutschland*
- **P2.019 - Spatio-temporal theta pattern dissimilarity in superior parietal cortex during memory generalization**
H. Heinbockel, *Universität Hamburg, Deutschland*
- **P2.020 - How far would you go to survive? An Approach-avoidance foraging task in immersive virtual reality**
A. Kastrinogiannis, *University Medical Center Hamburg-Eppendorf, Germany*

- **P2.021 - The Role of Source Memory for Reward-Motivated Learning**
J. Tkotz, Department of Clinical Psychology, Central Institute of Mental Health, Medical Faculty Mannheim, University of Heidelberg, Mannheim, Germany
- **P2.022 - Characterization of slow oscillations and spindles during sleep from the juvenile to the peri-adolescent developmental stage in rats**
J. Fechner, Institut für Medizinische Psychologie und Verhaltensneurobiologie, Universität Tübingen
- **P2.023 - Neural signatures of serial dependence emerge during cued selection in working memory**
C. Fischer, Institut für Medizinische Psychologie, Goethe-Universität Frankfurt am Main
- **P2.024 - Cerebellar involvement in memory formation**
E. Stroukov, Institut für Psychologie, Abt. Neuropsychologie, Albert-Ludwigs-Universität Freiburg, Germany
- **P2.025 - Heuristic-Based Strategic Exploration in Sequential Reinforcement Learning**
A. M. Brands, Department Psychologie, Universität zu Köln, Deutschland
- **P2.026 - Auditory closed- loop stimulation of slow oscillations and delta waves during sleep**
N. Niethard, Institute of Medical Psychology and Behavioral Neurobiology, University of Tübingen, Tübingen, Germany
- **P2.027 - Removal of reinforcement reduces propensity to respond in instrumental learning**
E. Ort, Heinrich-Heine Universitaet Duesseldorf, Deutschland
- **P2.028 - Effects of Acute Stress on Item and Source Emotional Memory: an fMRI Study**
C. Ventura-Bort, Department of Biological Psychology and Affective Science, University of Potsdam, Potsdam, Germany
- **P2.029 - Interindividuelle Unterschiede bei der Generalisierung von Extinktionslernen entlang des Spektrums der Trait Anxiety**
E. Nazareus, Universität Greifswald, Deutschland
- **P2.030 - Successful mnemonic discrimination: linked to decreased functional connectivity between hubs in the frontoparietal and default mode network**
P. Iliopoulos, Institut für Kognitive Neurologie und Demenzforschung (IKND), Magdeburg, Germany
- **P2.031 - Association of Spermidine Blood Levels with Slow-Wave Sleep Physiology**
S. Wortha, Department of Neurology, University Medicine Greifswald, Greifswald, Germany
- **P2.032 - Identifying sequential memory reactivation during sleep in humans**
M. Kutlu, Ludwig Maximilian University of Munich, Germany

- **P2.033 - The structure of experience: Examining the emergence of value-weighted schematic representations in the mPFC**
P. C. Paulus, Department of Psychology, Neuropsychology, University of Freiburg, Germany

Topic 4: Cognition

- **P2.035 - Der Einfluss von Reappraisal (Hochregulation) auf Emotionsverarbeitung und emotionale Schmerzmodulation**
P. Reicherts, Lehrstuhl für Medizinische Psychologie und Soziologie, Medizinische Fakultät, Universität Augsburg
- **P2.036 - Eye Did This! Sense of Agency in Eye Tracking Tasks**
J. Gutzeit, Julius-Maximilians-Universität, Deutschland
- **P2.037 - Classifying Cognitive Load in a Quasi-Realistic Scenario Based on Multi-modal Neurophysiological Data**
S. Gado, Julius-Maximilians-Universität Würzburg, Deutschland
- **P2.038 - Identifying Interacting Cognitive and Affective Processes – Effects of Emotional Distractions on Different Cognitive Load Levels**
K. Lingelbach, Applied Neurocognitive Psychology Lab, Department of Psychology, Carl von Ossietzky University, Oldenburg, Germany
- **P2.039 - Conflict related midfrontal theta in an approach avoidance task is independent from midfrontal theta in a Flanker task**
L. Lange, Differential Psychology & Personality Research, Institute of Psychology, Osnabrück University
- **P2.040 - A non-linear temporal discounting drift diffusion model accurately accounts for rodent choices and response times and yields parameter estimates with high test-retest reliability**
J. Peters, Department Psychologie, Universität zu Köln, Deutschland
- **P2.041 - Distraction prevents decoding of auditory working memory contents**
P. Deutsch, Institut für Medizinische Psychologie, Goethe-Universität Frankfurt
- **P2.042 - New insights into the neural correlates of error processing as revealed by the Speeded Inference Game**
E. Niessen, Universität zu Köln, Deutschland
- **P2.043 - Using Computational Models of Reinforcement Learning and Choice Frequency to Study Human Habits**
S. Nebe, University of Zurich, Schweiz
- **P2.044 - Interaction of negative, visual primes with cognitive control**
M. Kampa, Universität Siegen, Deutschland

- **P2.045 - Effects of visual appetitive cues on neural reward circuits and intertemporal decision-making**
K. Knauth, Universität zu Köln, Deutschland
- **P2.046 - Measuring individual differences in electrophysiological correlates of executive functions**
C. Löffler, Institute of Psychology, Heidelberg University, Germany
- **P2.047 - Stress and the cardiac cycle: Influence on conflict processing in a Simon task**
L. v. Haugwitz, Leibniz-Institut für Arbeitsforschung an der TU Dortmund (IfADo), Deutschland

Topic 5: Attention and Perception

- **P2.048 - Dissociable neuronal mechanism for different crossmodal correspondence effects**
C. Jaap, Neurolmage Nord, Department for Systems Neuroscience, University Medical Center Hamburg Eppendorf
- **P2.049 - Spontaneous Necker-cube Reversals are not that Spontaneous – An EEG Study**
M. Wilson, Faculty of Biology, University of Freiburg, Germany
- **P2.050 - Effects of emotion and task-relevance on auditory ERPs**
R. Vormbrock, Institute of Medical Psychology and Systems Neuroscience, University of Muenster
- **P2.051 - The phase of prestimulus alpha oscillations causally modulates the causal prior in multisensory perception**
T. Rohe, Institute of Psychology, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU), Erlangen, Germany
- **P2.052 - SOA-dependent spatial pre-cueing effects of emotional face distractors on target performance and event related potentials**
V. Shivani, University of Bonn, Germany
- **P2.053 - Auditory attention in workplace-related complex sound environments**
M. Rosenkranz, Neurophysiology of Everyday Life Group, Department of Psychology, University of Oldenburg, Oldenburg, Germany
- **P2.054 - Allocating spatial attention in multisensory environments: insights from ERPs and neural oscillations**
L. Klatt, Leibniz Research Centre for Working Environment and Human Factors, Deutschland

- **P2.055 - Effects of self-generated positive and negative pain-related expectations on pain processing: Multivariate analyses of pre- and post-stimulus EEG activity**
C. Wittkamp, Department of Systems Neuroscience, University Medical Center Hamburg Eppendorf Germany
- **P2.056 - Effects of inhibitory TMS over visual area V5/MT on visual speech recognition**
L. Jeschke, Technische Universität Dresden, Germany
- **P2.057 - The role of conflicting motor plans in sensory attenuation: Comparison of N1 amplitude reduction for sounds elicited by pro- and anti-saccades**
A. Seidel, Heinrich-Heine Universität Düsseldorf, Deutschland
- **P2.058 - Development of distraction by emotional sounds —between costs of orienting of attention and benefits of arousal**
C. Bonmassar, Leibniz-Institut für Neurobiologie (LIN), Deutschland
- **P2.059 - Investigating lip-movement modelling on cortical speech tracking in virtual environments with mobile EEG**
M. Daeglau, Neuropsychology Lab, Department of Psychology, University of Oldenburg, Germany
- **P2.060 - Investigating the neural correlates of personally familiar scenes**
H. Klink, Friedrich-Schiller-Universität Jena, Deutschland
- **P2.061 - Orienting in an uncertain world: pupil-linked neuromodulation and temporal dynamics of expected and unexpected uncertainty**
A. Marzecová, Heinrich Heine Universität Düsseldorf, Germany
- **P2.062 - Re-analyses of auditory N1 response in an auditory oddball paradigm with slow presentation rate**
S. Berti, Johannes Gutenberg-Universität Mainz, Deutschland

Topic 6: Brain and Periphery, Neuroendocrinology, and Stress

- **P2.063 - Interoception and pain perception across the menstrual cycle in young healthy women**
A. Dierolf, University of Luxembourg, Department of Cognitive Neuroscience and Behavioral Science; Research Group: Stress, Pain and Gene-Environment Interplay
- **P2.064 - The impact of a tailored mindfulness-based program for resident physicians on distress, hair cortisol secretion, and the quality of care: A randomised controlled trial**
J. C. Fendel, Department of Occupational and Consumer Psychology, Institute of Psychology, University of Freiburg, Freiburg, Germany

- **P2.065 - Stability and Durability of Human Salivary Alpha Amylase Across Different Storing Conditions**
L. S. Pfeifer, Ruhr-Universität Bochum, Deutschland
- **P2.066 - Stress effects on memory retrieval of aversive and appetitive instrumental counterconditioning in men**
J. Caviola, Ruhr-Universität Bochum, Deutschland
- **P2.067 - The Influence of a Glucose Administration on Stress Responsivity and Memory After a Socially Evaluated Cold Pressor Test**
T. Rüttgens, Ruhr-Universität Bochum, Institut für Kognitive Neurowissenschaft, Deutschland
- **P2.068 - Effects of Chronic Stress on Path Integration**
O. Akan, Ruhr-Universität Bochum, Deutschland
- **P2.069 - Optimal timing of stress cortisol suppression by oral metyrapone**
L. Drost, Universität Trier
- **P2.070 - Movement during the Trier Social Stress Test**
B. Denk, Department of Psychology, University of Konstanz, Germany
- **P2.071 - A pooled mega-analysis on the modulating effect of transcutaneous auricular vagus nerve stimulation (taVNS) on salivary alpha-amylase as indirect noradrenergic marker**
M. Giraudier, Department of Biological Psychology and Affective Science, Faculty of Human Sciences, University of Potsdam, Potsdam, Germany
- **P2.072 - Elimination of salivary cortisol in female and male volunteers**
H. Schächinger, Universität Trier, Deutschland
- **P2.073 - Stability of Steroids in Hair Samples and Methodological Recommendations for Psychoendocrine Research**
J. Eder, Biopsychology, TU Dresden, Dresden, Germany
- **P2.074 - Einfluss von Stress und Kortisolrezeptoren auf Entscheidungsprozesse**
C. E. Deuter, Charité Universitätsmedizin Berlin, Deutschland
- **P2.075 - Stress effects on top-down vs. bottom-up control of attention**
M. Larra, IfADo, Dortmund

Topic 7: Social and Environmental Neuroscience

- **P2.077 - Developing an Autonomous Driving Paradigm for Electrophysiological experiments**
M. Weil, Carl von Ossietzky Universität Oldenburg, Deutschland

- **P2.078 - Another's pain vs. my gain: Evidence of absence for a causal role of the dorsolateral prefrontal cortex in costly decision-making**
H. Hartmann, Social Brain Laboratory, Netherlands Institute for Neuroscience, Royal Academy of Arts and Sciences, Amsterdam, Netherlands
- **P2.079 - Does personal significance impact social modulation?: An EEG Study of Early Auditory Components in Joint Action**
G. A. L. Montoya, Hildesheim University, Germany
- **P2.080 - My Brain knows Me: Neural Oscillatory Markers for the Self-Prioritization Effect**
C. Haciahmet, Universität Trier, Deutschland
- **P2.081 - Measuring the effect of familiarity on state anxiety and related changes in heart rate (HR) and heart rate variability (HRV) in everyday life**
M. Gründahl, Center for Mental Health, Department of Psychiatry, Psychosomatics and Psychotherapy, Translational Social Neuroscience Unit, University of Würzburg, Würzburg, Germany
- **P2.082 - Hohe Reliabilität der Gehirnaktivierung in einer monetären und einer sozialen Risiko-Aufgabe**
S. N. L. Schmidt, Klinische Psychologie, Universität Konstanz
- **P2.083 - Event-related brain potentials of preparing and giving an untruthful response**
H. Gibbons, University of Bonn
- **P2.084 - Electrophysiological correlates of social feedback processing in healthy and depressive individuals**
S. Scholz, Universität Bielefeld, Deutschland
- **P2.085 - Using EEG to measure shared audience engagement during real-life videos against distraction in road traffic**
M. Imhof, Universität Konstanz, Deutschland

Topic 8: Development and Ageing

- **P2.086 - Multimodal prediction of cognitive performance differences in older age**
C. Krämer, Institute of Neuroscience and Medicine (INM-1), Research Centre Jülich, Jülich, Germany
- **P2.087 - Interrelating differences of structural and functional connectivity in the older adult's brain**
J. Stumme, Institute for Anatomy I, Medical Faculty & University Hospital Düsseldorf, Heinrich Heine University Düsseldorf, Düsseldorf, Germany

- **P2.088 - Lifestyle-related differences in neurite morphology of white matter tracts in older adults**
N. Bittner, Institute for Anatomy I, Medical Faculty & University Hospital Düsseldorf, Heinrich-Heine-University, Düsseldorf
- **P2.089 - Lifespan trajectory of oscillatory power and phase-based connectivity**
C. Stier, Clinic of Neurology, University Medical Center Göttingen, Göttingen, Germany
- **P2.090 - The Role of Maternal Mental Health on the Development of Infant's Self-Regulation: A prospective longitudinal Study**
C. E. Schwarze, Universität Heidelberg, Deutschland
- **P2.091 - Distraction from Pain in Aging – the Impact of Acute Stress**
A. Dierolf, Universität Luxemburg; Department of Behavioural and Cognitive Sciences; Institute for Health and Behaviour; Stress, Pain, and Gene-Environment Interplay
- **P2.092 - Individual Alpha and Theta Frequency Across Age: In Search of Resting-State EEG Markers of Working Memory Capacity**
P. Khader, Fresenius University of Applied Sciences
- **P2.093 - Locus coeruleus-related insula activation supports implicit learning across the adult lifespan**
M. J. Dahl, Center for Lifespan Psychology, Max Planck Institute for Human Development, 14195 Berlin, Germany
- **P2.094 - The neural basis of motor sequence learning in children and adults**
M. Hille, Center for Lifespan Psychology, Max Planck Institute for Human Development, Germany

Topic 9: Disorders and Interventions

- **P2.095 - Direct subthalamic nucleus stimulation influences speech and voice quality in Parkinson's disease patients**
S. Frühholz, University of Zurich, Schweiz
- **P2.096 - Verbal memory performance in euthymic patients with bipolar disorder – a reflection of mood?**
T. D. Meyer, McGovern Medical School, Psychiatry & Behavioral Sciences, UT Health, Houston, TX, USA
- **P2.097 - Larger N170 after Sad Faces in Individuals with Elevated Depressive Symptoms in a Facial Oddball Task**
K. Riepl, University of Würzburg, Würzburg, Germany
- **P2.098 - Potential use of the cEEGrid EEG for Tactile Brain-Computer Interfaces**
M. Eidel, Universität Würzburg, Deutschland

- **P2.099 - Verbale Gewalt in Institutionen: Zusammenhänge mit erlebter Diskriminierung und Depressivität**
F. Hauck, Lehrstuhl für Gesundheitspsychologie, Friedrich-Alexander-Universität Erlangen-Nürnberg, Deutschland
- **P2.100 - Primed to Fail? An fMRI Study of Emotion Recognition After Affective Priming in Schizophrenia**
A. H. J. Sahn, Universität Konstanz, Deutschland
- **P2.101 - Tonic pupil dilation during sustained attention in children with ADHD**
U. Schöllkopf, Neurocognitive Development, Leibniz Institute for Neurobiology, Magdeburg, Germany
- **P2.102 - Chronic pain and its influence on Creative Ideation: An EEG study**
D. A. Gubler, University of Bern, Schweiz
- **P2.103 - Is the decrease in bodily response to negative auditory chills specific to insula damage?**
L. M. Witt, Functional Imaging Unit, Center for Diagnostic Radiology, University of Greifswald, Greifswald, Germany
- **P2.104 - Social Skills following Deep Brain Stimulation in Treatment-Resistant Depression: An explorative study**
H. Kilian, Abteilung für Interventionelle Biologische Psychiatrie, Department für Psychische Erkrankungen, Klinik für Psychiatrie und Psychotherapie, Uniklinikum Freiburg
- **P2.105 - Reduced modulation of frowning muscle activity in stroke patients during an emotion induction paradigm**
K. Klepzig, University Medicine Greifswald
- **P2.106 - Meta-analysis of convergent macro- and microstructural white matter alterations in patients with Alcohol Use Disorder**
C. Spindler, Department of Psychology, Faculty of Human Sciences, Medical School Hamburg, Am Kaiserkaai 1, 20457 Hamburg, Germany
- **P2.107 - An EEG Test Battery for the Early Diagnosis of Alzheimer's Disease**
J. M. Meixner, Department of Psychology, Brandenburg Medical School Theodor Fontane, Neuruppin, Germany
- **P2.108 - Heart rate variability and attentional control in premenstrual syndrome**
B. L. Blaser, University of Potsdam, Deutschland
- **P2.109 - Belief formation in depression: reduced integration of positive feedback for self but not other-related information**
N. Czekalla, Department of Psychiatry, University of Lübeck, Deutschland
- **P2.110 - Anhedonia Relates to Reduced Reward Anticipation in the Striatum in Patients with Major Depression**
A. Daniels, Charité – Universitätsmedizin Berlin, Department of Psychiatry and Neurosciences | CCM

- **P2.111 - Mindfulness-based instruction to improve real-time fMRI neurofeedback efficiency in problematic alcohol use**
J. Zhang, Department of Clinical Psychology, Central Institute of Mental Health, Medical Faculty Mannheim, Heidelberg University, Mannheim, Germany
- **P2.112 - Heart Rate and Heart Rate Variability in Patients With Obsessive-Compulsive Disorder and Healthy First-Degree Relatives**
F. Jüres, Department of Psychology, Humboldt-Universität zu Berlin, Germany
- **P2.113 - Using mind control to modify cue-reactivity in AUD: The impact of mindfulness-based relapse prevention on real-time fMRI neurofeedback to modify cue-reactivity in alcohol use disorder**
A. Aslan, Department of Addiction Behavior and Addiction Medicine, Central Institute of Mental Health, Medical Faculty Mannheim, Heidelberg University, Mannheim, Germany
- **P2.114 - Benefits of Caffeine augmentation in Electroconvulsive therapy**
M. D. Ridder, Universitäre Psychiatrische Kliniken (UPK) Basel, Schweiz

Topic 10: (Brain) Stimulation

- **P2.115 - The Modulation of Attentional Control and Prospective Memory with Non-Invasive Brain Stimulation in Older Adults**
N. Schmidt, University Hospital of Old Age Psychiatry and Psychotherapy, University of Bern, Switzerland
- **P2.116 - Does Transcranial Alternating Current Stimulation at Alpha Frequency Induce Similar Alterations in Theory of Visual Attention Cognitive Functions as Video Games?**
Y. Hilla, Ludwig-Maximilians-Universität, Department Psychologie, Biologische Psychologie, Deutschland

Topic 11: Affective Neuroscience

- **P2.118 - Measuring the neural correlates of real-life fear using virtual reality and mobile EEG**
J. Packheiser, Netherlands Institute for Neuroscience, Deutschland
- **P2.119 - Priming-Effekte auf subjektive und mimische Schmerzreaktionen**
P. Göller, Medizinische Psychologie und Soziologie, Universität Augsburg
- **P2.120 - Kodierung individueller Belohnungswerte visueller sexueller Stimuli in Striatum und OFC**
S. Klein, JLU Gießen, Deutschland

- **P2.121 - Inherently threatening contexts facilitate visuocortical engagement to conditioned threat**
Y. Stegmann, University of Würzburg, Germany
- **P2.122 - Implicit Emotion Regulation: A Replication Study on the Counter Regulation of Emotions by Attentional Biases in Affective Processing**
H. Heyer, Universität Koblenz-Landau, Deutschland
- **P2.123 - Distinct activation of the rACC and the vmPFC during different emotion regulation strategies**
M. Burghart, Universität Konstanz
- **P2.124 - Hemodynamic correlates of emotion regulation in frontal lobe epilepsy patients and healthy participants**
K. Johanna, Abteilung für Psychologie, Universität Bielefeld, Deutschland
- **P2.125 - Fear lies in the eye of the beholder - freezing of gaze upon avoidable threat**
A. Merscher, Universität Würzburg, Deutschland
- **P2.126 - Heart rate variability biofeedback reduces anxiety sensitivity in young healthy individuals**
M. C. Hufenbach, Universität Potsdam, Deutschland
- **P2.127 - Nahinfrarotspektroskopie crossmodaler Emotionseffekte im auditorischen und visuellen Kortex**
T. Höfling, Universität Mannheim, Deutschland