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Beiträge in Zeitschriften mit Peer-Review-Prozess

Vahedi, J., Mundorf, A., Bellebaum, C., **Peterburs, J.** (2024). Emotional Cues Reduce Pavlovian Interference in Feedback-based Go and Nogo Learning. *Psychological Research*. <https://doi.org/10.1007/s00426-024-01946-9>

Berlijn, A.M., Huvermann, D.M., Schneider, S., Bellebaum, C., Timmann, D., Minnerop, M., **Peterburs, J.** (2024). The role of the human cerebellum for learning from and processing of external feedback in non-motor learning: A systematic review. *The Cerebellum*. <https://doi.org/10.1007/s12311-024-01669-y>

Berlijn, A.M.*, Huvermann, D.M.*, Groiss, S.J., Schnitzler, A., Mittelstaedt, M., Bellebaum, C., Timmann, D., Minnerop, M., **Peterburs, J.** (2024). The effect of cerebellar TMS on error processing: A combined single-pulse TMS and ERP Study *Imaging Neuroscience*. *Imaging Neuroscience*, 2 1–19. https://doi.org/10.1162/imag_a_00080.

Rice, L.C., Langan, M., Cheng, D.T., Sheu, Y., **Peterburs, J.**, Hua, J., Qin, Q., Rilee, J., Faulkner, M., Mathena, J., Munro, C., Wand, G., McCaul, M., Desmond, J.E. (2024). Disrupted executive cerebello-cerebellar functional connectivity in alcohol use disorder. *Alcohol: Clinical and Experimental Research*, 48, 33-47. <https://doi.org/10.1111/acer.15219>.

Mundorf, A.*, Siebert, A.*, Desmond, J.E., **Peterburs J.** (2023). The role of the cerebellum in internet gaming disorder - a systematic review. *Addiction Biology*, 28, e13331. doi:10.1111/adb.13331.

Ocklenburg S, **Peterburs J.** (2023). Monitoring Brain Activity in VR: EEG and Neuroimaging. *Current Topics in Behavioral Neuroscience*. Springer, Berlin, Heidelberg. https://doi.org/10.1007/7854_2023_423.

Abraham, M., **Peterburs, J.**, Mundorf, A. (2023). Oligodendrocytes Matter – A review of animal studies on early adversity. *Journal of Neural Transmission*, 130, 1177–1185 (2023). <https://doi.org/10.1007/s00702-023-02643-4>.

El Basbasse, Y.*, Packheiser, J.*, **Peterburs, J.**, Maymon, C., Güntürkün, O., Grimshaw, G.*, Ocklenburg, S.* (2023). Walk the Plank! Using mobile EEG to investigate emotional lateralization of immersive fear in virtual reality. *Royal Society Open Science*, 10, 221239. doi: 10.1098/rsos.221239.

Paul, K., Angus, D.J., ..., **Peterburs, J.**, ..., Pavlov, Y., Pourtois, G. (2022). Revisiting the electrophysiological correlates of valence and expectancy in reward processing—A Multi-lab replication. *PsyArXiv*. Preprint: 10.31234/osf.io/4uy2c. (Akzeptiert als Registered Report in Cortex).

Groenewold, N.A., Bas-Hoogendam, J.M., ... **Peterburs, J.**, ... (2022). Volume of subcortical brain regions in social anxiety disorder: mega-analytic results from 37 samples in the ENIGMA-anxiety working group. *Molecular Psychiatry*, 28, 1079–1089.

Ocklenburg, S., **Peterburs, J.**, Mundorf, A. (2022). Hemispheric asymmetries in the amygdala: a comparative primer. *Progress in Neurobiology*, 214, 102283.

Yalçın, M., Mundorf, A., Thiel, F., Amatriain-Fernández, S., Schulze Kalthoff, I., Beucke, J.C., Budde, H., Garthus-Niegel, S., **Peterburs, J.**, Relógio, A. (2022). It's about time: the circadian network as time-keeper for cognitive functioning, locomotor activity and mental health. *Frontiers in Physiology*, 13, 873237.

Bas-Hoogendam, J.M., Groenewold, N.A. Aghajani, M., Freitag, G.F., ..., **Peterburs, J.**, (2022). ENIGMA-anxiety working group: Rationale for and organization of large-scale neuroimaging studies of anxiety disorders. *Human Brain Mapping*, 43, 83-112.

Pfeifer, L.S., Schmitz, J., Papadatou-Pastou, M., **Peterburs, J.**, Paracchini, S., Ocklenburg, S. (2022). Handedness in Twins: Meta-Analyses. *BMC Psychology*, 10, 11.

Peterburs, J., Albrecht, C., Bellebaum, C. (2022). The impact of social anxiety on feedback-based go and nogo learning. *Psychological Research*, 86, 110-124.

Mundorf, A., **Peterburs, J.**, Ocklenburg, S. (2021). Asymmetry in the central nervous system: A clinical neuroscience perspective. *Frontiers Systems Neuroscience*, 15, 733898.

Packheiser, J.*, Schmitz, J.*, Stein, C.C., Pfeifer, L.S., Berretz, G., Papadatou-Pastou, M., **Peterburs, J.**, Ocklenburg, S. (2021). Handedness and depression: a meta-analysis across 87 studies. *Journal of Affective Disorders*, 294, 200-209.

Huermann, D., Bellebaum, C., **Peterburs, J.** (2021). Selective Devaluation Affects the Processing of Preferred Rewards. *Cognitive, Affective, & Behavioral Neuroscience*, 21, 1010-1025.

Wittek, N.*, Matsui, H.*, Behroozi, M., Otto, T., Wittek, K., Sari, N., Stoecker, S., Letzner, S. Choudhary, V., **Peterburs, J.**, Güntürkün, O. (2021). Unihemispheric Evidence Accumulation in Pigeons. *Journal of Experimental Psychology: Animal Learning and Cognition*, 47, 303-316.

Peterburs, J., Liang, Y., Cheng, D.T., Desmond, J.E. (2021). Sensory Acquisition Functions of the Cerebellum in Verbal Working Memory. *Brain Structure & Function*, 226, 833-844.

Peterburs, J., Frieling, A., Bellebaum, C. (2021). Asymmetric coupling of action and outcome valence in active and observational feedback learning. *Psychological Research*, 85, 1553-1566.

Schrammen, E., Grimshaw, G.M., Berlijn, A.M., Ocklenburg, S.*, **Peterburs, J.*** (2020). Response inhibition to emotional faces is modulated by functional hemispheric asymmetries linked to handedness. *Brain & Cognition*, 145, 105629.

Packheiser, J., Schmitz, J., Metzen, D., Reinke, P., Radtke, F., Friedrich, P., Güntürkün, O., **Peterburs, J.**, Ocklenburg, S. (2020). Asymmetries in social touch – motor and emotional biases on lateral preferences in embracing, cradling and kissing. *Laterality*, 25, 325-348.

Peterburs, J., Sannemann, L., Bellebaum, C. (2019). Subjective preferences differentially modulate the processing of rewards gained by own vs. observed choices. *Neuropsychologia*, 132, 107139.

Ocklenburg, S., Isparta, S., **Peterburs, J.**, Papadatou-Pastou, M. (2019). Paw preferences in cats and dogs: Meta-analysis. *Laterality*, 24, 647–677.

Voegler, R.*, **Peterburs, J.***, Bellebaum, C., Straube, T. (2019). Modulation of feedback processing by social context in social anxiety disorder (SAD) - an event-related potentials (ERPs) study. *Scientific Reports*, 9, 4795.

Peterburs, J., Liepelt, R., Voegler, R., Ocklenburg, S., Straube, T. (2019). It's not me, it's you - Differential neural processing of social and non-social nogo cues in joint action. *Social Neuroscience*, 14, 114-124.

Peterburs, J., Blevins, L.C., Sheu, Y.S., Desmond, J.E. (2019). Cerebellar contributions to sequence prediction in verbal working memory. *Brain Structure and Function*, 224, 485-499.

Ocklenburg, S.*, Friedrich, P.*, Schmitz, J., Schlüter, C., Genc, E., Guentuerkuen, O., **Peterburs, J.**, Grimshaw, G. (2018). Beyond frontal alpha: Investigating hemispheric asymmetries over the EEG frequency spectrum as a function of sex and handedness. *Laterality*, 24, 505-524.

Ocklenburg, S., Packheiser, J., Schmitz, J., Rook, N., Guentuerkuen, O., **Peterburs, J.**, Grimshaw, G. (2018). Hugs and kisses – the role of motor preferences and emotional lateralization for hemispheric asymmetries in human social touch. *Neuroscience and Biobehavioral Reviews*, 95, 353-360.

Peterburs, J.*, Hofmann, D.*, Becker, M.P.I.*, Nitsch, A.M., Miltner, W.H.R., Straube, T. (2018). The role of the cerebellum for feedback processing and behavioral switching in a reversal-learning task. *Brain & Cognition*, 125, 142-148.

Behroozi, M., Chwiesko, C., Ströckens, F., Sauvage, M., Helluy, X., **Peterburs, J.**, Güntürkün, O. In vivo measurement of T1 and T2 relaxation times in awake pigeon and rat brains at 7T. (2018). *Magnetic Resonance in Medicine*, 79, 1090-1100.

Voegler, R.*, **Peterburs, J.***, Lemke, H., Ocklenburg, S., Liepelt, R., Straube, T. (2017). Electrophysiological correlates of performance monitoring under social observation in patients with social anxiety disorder and healthy controls. *Biological Psychology*, 132, 71-80.

Bas-Hoogendam, J.M., van Steenbergen, H., Pannekoek, J.N., Fouche, J.P., Lochner, C., Hattingh, C.J., Cremers, H.R., Furmark, T., Månsson, K.N.T., Frick, A., Engman, J., Boraxbekk, C.J., Carlbring, P., Andersson, G., Fredrikson, M., Straube, T., **Peterburs, J.**, Klumpp, H., Phan, K.L., Roelofs, K., Veltman, D.J., van Tol, M.J., Stein, D.J., van der Wee, N.J.A. (2017). Voxel-Based Morphometry Multi-Center Mega-Analysis of Brain Structure in Social Anxiety Disorder. *NeuroImage: Clinical* 16, 678-688.

Ocklenburg, S.*, **Peterburs, J.***, Mertzen, J., Schmitz, J., Güntürkün, O., Grimshaw, G. (2017). Effects of emotional valence on hemispheric asymmetries in response inhibition. *Symmetry*, 9, 145.

Peterburs, J.*, Voegler, R.*, Liepelt, R., Schulze, A., Wilhelm, S., Ocklenburg, S., & Straube, T. (2017). Processing of fair and unfair offers in the ultimatum game under social observation. *Scientific Reports*, 7, 44062.

Peterburs, J., Desmond, J.E. (2016). The role of the human cerebellum in performance monitoring. *Current Opinion in Neurobiology*, 40, 38-44.

Ocklenburg, S., Korte, S. M., **Peterburs, J.**, Wolf, O.T., Güntürkün, O. (2016). Stress and laterality - The comparative perspective. *Physiology & Behavior*, 164 (Pt A), 321-329.

Müller-Bardorff, M., Schulz, C., **Peterburs, J.**, Bruchmann, M., Mothes-Lasch, M., Miltner, W., Straube T. (2016). Effects of emotional intensity under perceptual load: an event-related potentials (ERPs) study. *Biological Psychology*, 117, 141-149.

Peterburs, J., Sandrock, C., Miltner, W.H.R., Straube, T. (2016). Look who's judging - Feedback source modulates brain activation to performance feedback in social anxiety. *Neuroimage*, 133, 430-437.

Heitmann, C. Y., Feldker, K., Neumeister, P., Zepp, B. M., **Peterburs, J.**, Zwitserlood, P., Straube, T. (2016). Abnormal brain activation and connectivity to standardized disorder-related visual scenes in social anxiety disorder. *Human Brain Mapping*, 37(4); 1559-1572.

Peterburs, J., Kobza, S., Bellebaum, C. (2015). Feedback delay gradually affects amplitude and valence specificity of the feedback-related negativity (FRN), *Psychophysiology*, 53(2), 209-215.

Peterburs, J., Cheng, D.T., Desmond, J.E. (2015). The association between eye movements and cerebellar activation in a verbal working memory task. *Cerebral Cortex*, 26, 3802-3813.

Peterburs, J., Thürling, M., Rustemeier, M., Goericke, S., Suchan, B., Timmann, D.*, Bellebaum, C.* (2015). A cerebellar role in performance monitoring - Evidence from EEG and voxel-based morphometry in patients with cerebellar degenerative disease. *Neuropsychologia*, 68, 139-147.

Heitmann, C.Y., **Peterburs, J.**, Mothes-Lasch, M., Hallfarth, M. C., Böhme, S., Miltner, W.H.R., Straube, T. (2014). Neural correlates of anticipation and processing of performance feedback in social anxiety. *Human Brain Mapping*, 35(12): 6023-6031.

Ocklenburg, S., Beste, C., Arning, L., **Peterburs, J.**, Güntürkün, O. (2014). The ontogenesis of language lateralization and its relation to handedness. *Neuroscience and Biobehavioral Reviews*, 43C, 191-198.

Peterburs, J., Suchan, B., Bellebaum, C. (2013). You do the math: Coding of bets and outcomes in a gambling task in the feedback-related negativity and P300 in healthy adults. *PLoS One*, e81262.

Peterburs, J.*, Nitsch, A.M.*, Miltner, W.H.R., Straube, T. (2013). Impaired representation of time in schizophrenia is linked to positive symptoms and cognitive demand. *PLoS One*, 8, e7615.

Reinersmann, A., Landwehrt, J., Krumova, E.K., **Peterburs, J.**, Ocklenburg, S., Guentuerkuen, O., Maier, C. (2013). The rubber hand illusion in CRPS: preserved ability to integrate a rubber hand indicates intact multisensory integration. *Pain*, 154, 1519-1527.

Peterburs, J., Ocklenburg, S. (2013). Die Rubber Hand Illusion und ihre möglichen klinischen Anwendungen. *Zeitschrift für Neuropsychologie*, 24(1), 49-55.

Peterburs, J., Koch, B., Schwarz, M., Hoffmann, K.-P., Daum, I., Bellebaum, C. (2012). Cortical processing of saccade-related efference copy signals in cerebellar lesion patients. *European Journal of Neuroscience*, 37, 804-815.

Ocklenburg, S., **Peterburs, J.**, Rüter, N., Güntürkün, O. (2012). The rubber hand illusion modulates pseudoneglect. *Neuroscience Letters*, 523(2), 158-161.

Peterburs, J., Koch, B., Schwarz, M., Hoffmann, K.-P., Daum, I., Bellebaum, C. (2013). Updating of Visual Space Across Horizontal Saccades in Cerebellar and Thalamic Lesion Patients. *The Cerebellum*, 12 (1), 1-15.

Peterburs, J., Gajda, K., Koch, B., Schwarz, M., Hoffmann, K.-P., Daum, I., Bellebaum, C. (2012). Cerebellar lesions alter performance monitoring on the antisaccade task - an event-related potentials study. *Neuropsychologia*, 50(3), 379-389.

Peterburs, J., Pergola, G., Koch, B., Schwarz, M., Hoffmann, K.-P., Daum, I., Bellebaum, C. (2011). Altered error processing following vascular thalamic damage: Evidence from an antisaccade task. *PLoS One*, e21517.

Peterburs, J., Gajda, K., Hoffmann, K.-P., Daum, I., Bellebaum, C. (2011). Electrophysiological correlates of inter- and intrahemispheric saccade-related updating of visual space. *Behavioural Brain Research*, 216(2), 496-504.

Ocklenburg, S., Rüter, N., **Peterburs, J.**, Pinnow, M., Güntürkün, O. (2011). Laterality in the Rubber Hand Illusion. *Laterality*, 16(2), 174-187.

Peterburs, J., Bellebaum, C., Koch, B., Schwarz, M., Daum, I. (2010). Working memory and verbal fluency deficits following cerebellar lesions: Relation to interindividual differences in patient variables. *The Cerebellum*, 9(3), 375-383.

** gleichwertiger Beitrag; geteilte Erst- bzw. Letztautorschaft*

Buchveröffentlichungen

Ocklenburg, S., **Peterburs, J.** (2017). The ontogenesis of handedness and language lateralization. In: Galaburda, A.M., Gaab, N., Hoeft, F., McCardle, P. (Hrsg.). *Dyslexia and Neuroscience: The Geschwind-Galaburda Hypothesis 30 Years Later*. Towson, MD: Brookes.

Kirschbaum, C. (Hrsg.) (2008). *Biopsychologie von A bis Z*. Heidelberg: Springer Medizin Verlag. (*Ich habe verschiedene Lexikon-Artikel für diese biopsychologische Enzyklopädie verfasst.*)

Eingeladene Vorträge

2023 Your brain on snacks - Neuronale Belohnungsverarbeitung und ihre Relevanz im Kontext von Essstörungen und Übergewicht. 2. Sommersymposium der Klinik für Psychosomatische Medizin & Psychotherapie, *Helios Kliniken Schwerin*

2023 Reward and punishment sensitivity and Pavlovian bias in feedback-based learning. Symposium of Learning and Socio-emotional neural functions. *University of Jyväskylä, Finland*

2022 Situational and inter-individual influences in performance monitoring, *University of Jyväskylä, Finland*

2022 Tasting colors and seeing sound – Synaesthesia as a window into the mechanisms of multisensory integration. Workshop “Mind & Brain”, Kooperation der *MSH Medical School Hamburg und des St. Hilda’s College der University of Oxford*

2021 The role of the cerebellum for feedback processing. Neurophysiologisches Seminar, *Universitätsmedizin Essen*

2019 Die Biopsychologie der Handlungsüberwachung. Institut für Psychologie, *Universität Greifswald*

2018 Chocolate incentives – Reward preferences in active and observational feedback processing. *Tagung der European Society for Cognitive and Affective Neuroscience, Leiden, Niederlande*

2018 Cerebellar contributions to sequence prediction in verbal working memory. *Jahrestagung der International Society for Behavioral Neuroscience in Anchorage, AK, USA; Symposium “The motor-cognitive interface – motor system contributions to cognition”*

- 2018** Biopsychologische Grundlagen der Handlungsüberwachung. *Klinische Psychologie, Universität Siegen*
- 2017** Inter-individual and situational modulators of performance monitoring. *School of Psychology, Victoria University, Wellington, New Zealand*
- 2017** Situational and inter-individual modulation of human performance monitoring. *School of Psychology, University of Auckland, New Zealand*
- 2017** Lateralized response inhibition in left- and right-handers - Testing the Asymmetric Inhibition Model. *Who am I and how do I feel about it? First New Zealand - German symposium on emotion and consciousness. Biopsychologie, Ruhr-Universität Bochum*
- 2017** Die Biopsychologie der Handlungsüberwachung. *Institut für Psychologie, Christian-Albrechts-Universität zu Kiel*
- 2016** Error and feedback processing in social anxiety. *Tagung experimentell arbeitender Psychologen (TeaP), Heidelberg*
- 2015** Error and feedback processing in social anxiety disorder. *Lehrstuhl für Sozialpsychologie, Universität Münster*
- 2015** Towards gender equality in science. *EVOBRAIN – Erste deutsch-brasilianische Sommerschule zur komparativen Neurowissenschaft der Hirnevolution, Rio de Janeiro, Brasilien*
- 2014** Relationship between eye movements and cerebellar activation in a verbal working memory task. *Lehrstuhl für experimentelle und biologische Psychologie, Heinrich-Heine-Universität, Düsseldorf*
- 2014** Processing of eye movement-related information in the human cerebellum. *Clinical Neuroscience Series, Neurologie, Johns Hopkins School of Medicine, Baltimore, MD, USA*
- 2014** Thalamic and cerebellar contributions to saccade monitoring. *Neurobiologie, Duke Institute of Brain Sciences, Duke University, Durham, NC, USA*
- 2013** Neural coding of uncertainty in a subclinical obsessive-compulsive sample. *Lehrstuhl für Klinische Neuropsychologie, Ruhr-Universität Bochum*
- 2013** The role of thalamus and cerebellum for processing of saccade-related efference copy signals. *Lehrstuhl für Neurophysik, Universität Marburg*
- 2013** Opportunities and challenges for women in science. *Erste südafrikanisch-deutsche Sommerschule zu komparativer Psychologie, Johannesburg, Südafrika*
- 2012** To err or not to err – Cerebellar lesions alter performance monitoring on the antisaccade task. *Neurophysiologisches Seminar, Universitätsklinikum Essen*
- 2011** Cerebellar and thalamic contributions to saccade-related efference copy processing. *Abteilung Kognitive Neurowissenschaften, Neurologie, Johns Hopkins University School of Medicine, Baltimore, USA*

Konferenzbeiträge (ausgewählte)

Peterburs, J. (2023). The effect of cerebellar TMS on error and feedback processing in a probabilistic learning task. Cerebellum Gordon Research Conference, Bates College, Lewiston, Maine, USA

Vahedi, J., Bahic, A., Chaliani, I., Schilbach, L., Ciupka-Schön, B., Bellebaum, C., Pietrowsky, R., **Peterburs, J.** (2023). Monitoring of self-committed versus observed errors in obsessive-compulsive disorder and social anxiety disorder: an ERP study. Poster, Jahrestagung der Society for Psychophysiological Research, New Orleans, USA.

Berlijn, A.M., Huvermann, D.M., Groiss, S.J., Mittelstädt, M., Schnitzler, A., Bellebaum, C., Timmann, D., Minnerop, M., **Peterburs, J.** (2022). The effect of cerebellar TMS on error processing: a combined single-pulse TMS and ERP study. Poster, Jahrestagung der Society for Psychophysiological Research, Vancouver, Kanada.

Huvermann, D.M., Berlijn, A.M., Groiss, S.J., Mittelstädt, M., Schnitzler, A., Bellebaum, C., Minnerop, M., Timmann, D., **Peterburs, J.** (2022). Feedback processing under cerebellar and vertex single-pulse TMS stimulation. Poster, Jahrestagung der Society for Psychophysiological Research, Vancouver, Kanada.

Peterburs, J. (2022). Targeting the error-related negativity (ERN) with cerebellar transcranial magnetic stimulation. Talk at the annual meeting of the International Society for Behavioral Neuroscience in St. John's, Neufundland, Kanada.

Ocklenburg, S., **Peterburs, J.** (2022). Ecological validity in affective and cognitive neuroscience: Using mobile EEG and VR. Vortrag, Jahrestagung der International Society for Behavioral Neuroscience in St. John's, Neufundland, Kanada.

Packheiser, J., El Basbasse, Y., **Peterburs, J.**, Güntürkün, O., Serow, E., Maymon, C., Grimshaw, G., Ocklenburg, S. (2022). Measuring the neural correlates of real-life fear using virtual reality and mobile EEG. Vortrag, Jahrestagung Psychologie und Gehirn, Freiburg

Peterburs, J. (2021). Your brain on snacks – Neural coding of subjective reward preferences in the context of selective devaluation. Vortrag, Jahrestagung der International Society for Behavioral Neuroscience (virtueller Kongress aufgrund der COVID-19 Pandemie)

Peterburs, J. (2020). Zerebelläre Prädiktion im verbalen Arbeitsgedächtnis. Vortrag, Jahrestagung der Deutschen Gesellschaft für Klinische Neurophysiologie und Funktionelle Bildgebung (virtueller Kongress aufgrund der COVID-19 Pandemie)

Peterburs, J., Bellebaum, C. (2019). It's all about chocolate! The impact of subjective preferences on active and observational outcome processing. Vortrag, Jahrestagung der International Society for Behavioral Neuroscience in Taormina, Italien

Liang, Y., **Peterburs, J.**, Cheng, D.T., Desmond, J.E. (2018). Sensory acquisition functions of the cerebellum in verbal working memory: An fMRI investigation. Poster, Jahrestagung der Society for Neuroscience, San Diego, USA

Bloes, R.D., **Peterburs, J.**, Otero-Milan, S.I., Kronemer, S., Marvel, C.L. (2017). Selective working memory deficits in cerebellar ataxia. Poster, Jahrestagung der Society for Neuroscience, Washington DC, USA

Peterburs, J., Voegler, R., Bellebaum, C., Straube, T. (2016). Under watchful eyes: Social observation modulates feedback processing in social anxiety disorder. Poster, Jahrestagung der Society for Neuroscience, San Diego, CA, USA

Peterburs, J., Rustemeier, M., Thürling, M., Göricke, S., Suchan, B., Timmann, D., Bellebaum, C. (2015). A cerebellar role in performance monitoring: ERP and VBM evidence in cerebellar degenerative disease. Poster, Jahrestagung der Organization for Human Brain Mapping, Honolulu, USA

Peterburs, J., Sandrock, C., Straube, T. (2015). MPFC activation during feedback processing is modulated by feedback source in social anxiety. Poster, Jahrestagung der Organization for Human Brain Mapping, Honolulu, USA

Peterburs, J., Cheng, D.T., Desmond, J.E. (2014). The association between eye movements and cerebellar activation in a verbal working memory task. Poster, Jahrestagung der Society for Neuroscience, Washington DC, USA

Peterburs, J., Suchan, B., Bellebaum, C. (2013). You do the math: Coding of bets and wins in the feedback-related negativity and P300. Poster, Jahrestagung der Society for Neuroscience, San Diego, USA

Peterburs, J., Koch, B., Schwarz, M., Daum, I., Hoffmann, K.-P., Bellebaum, C. (2011). To err or not to err - Differential contributions of the cerebellum and thalamus to error processing in humans. Poster, Jahrestagung der Society for Neuroscience, Washington DC, USA

Peterburs, J., Gajda, K., Koch, B., Schwarz, M., Daum, I., Hoffmann, K.-P., Bellebaum, C. (2011). Altered error processing in patients with focal thalamic lesions. Poster, Jahrestagung der Cognitive Neuroscience Society, San Francisco, USA

Peterburs, J., Bellebaum, C., Koch, B., Schwarz, M., Daum, I. (2010). Deficits of Working Memory and Verbal Fluency following Cerebellar Lesions. Poster, FENS-IBRO Mini-Schule & Workshop 'Looking back at Mount Ararat: Diversity and cross-fertilization among approaches to memory', Eriwan, Armenien

Peterburs, J., Gajda, K., Bellebaum, C., Hoffmann, K.-P., Daum, I. (2010). Updating for Perception: An ERP-study of post-saccadic perceptual localization. Poster, Jahrestagung der Vision Sciences Society, Naples, Florida, USA

Peterburs, J., Jarick, M., Dixon, M. (2009). When Photisms Help and When They Hurt: The Impact of Colour Incongruency on Object Substitution Masking in Grapheme-Colour Synaesthetes. Poster, Jahrestagung der Cognitive Neuroscience Society, San Francisco, USA

Jarick, M., **Peterburs, J.**, Dixon, M. (2008). Reading Between the Masks: Synaesthetic Colours Alleviate Masking in a Grapheme-Colour Synaesthete. Poster, Jahrestagung der Canadian Society for Brain, Behaviour and Cognitive Science, London, Ontario, Canada