



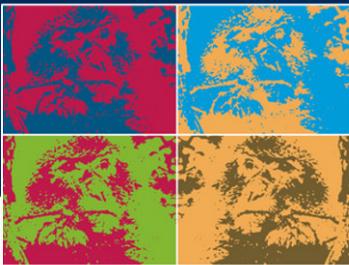
13th annual meeting PrimateNeurobiology

Göttingen - Tübingen

April 26 - 28, 2023 - Göttingen - German Primate Center

Posters 2023 – Session 1

- 1 **Crayen M, Kagan I, Esghaei M, Hoehl D, Thomas U, Prückl R, Schaffelhofer S, Treue S**
Using camera-guided electrode microdrive navigation for precise 3D positioning of electrodes
- 2 **Huang, F-Y, Grabenhorst, F**
Nutrient and sensory coding of anticipated food reward in primate amygdala neurons
- 3 **Saxena, P, Mayer S, Treue S**
Neuromodulation during attentional states
- 4 **Gultekin YB, Hildebrand DGC, Hammerschmidt K, Hage SR**
High plasticity in marmoset monkey vocal development from infancy to adulthood
- 5 **Mayer S, Gruber-Dujardin E, Treue S, Staiger S**
Neurotransmitter receptor expression in macaque extrastriate cortex
- 6 **Luff J, Goodman J, Agudelo-Toro A, Schaffelhofer S, Scherberger H**
Neural manifolds for transfer of movement decoders across recording days and sites
- 7 **Psarou E, Parto Dezfouli M, Grothe I, Fries P**
Repetition-related gamma plasticity in awake macaque V1 is highly orientation specific
- 8 **Lehmann S, Kearsley S, Botzanowski B, Acerbo E, Muller L, Williamson A, Corneil B**
Establishing the non-human primate as an animal model for temporal interference stimulation
- 9 **Guo H, Fortuna M, Hüer J, Treue S, Gail A**
Pathway-specific optogenetic inhibition reveals causal modulation of parietal motor goal encoding via frontal-to-parietal projections in rhesus monkeys
- 10 **Johnston KD, Selvanayagam J, Everling S**
Role of marmoset posterior parietal cortex microcircuits in visual target selection and saccade control
- 11 **Parto-Dezfouli M, Vezoli J, Bosman CA, Fries P**
Enhanced behavioral performance through interareal gamma and beta synchronization
- 12 **Alcala I, Provansal M, Arcizet F, Picaud S**
Retinotopic characterization of the NHP visual cortex using functional ultrasound imaging and electrophysiological recordings for sonogenetic stimulation and behavioral assessment
- 13 **Churan J, Nocerino R, Scherberger H**
External sources of variability in Neuropixels recordings - and how to deal with them
- 14 **Nowak J, Morel P, Gail A**
Force information integration in the primate fronto-parietal reach network
- 15 **Rangotis R, Nowakowska S, Akande A, Kakaei E, Krug K**
Drift diffusion modelling reveals a distinct decision-making process for 3D stimuli in both humans and monkeys
- 16 **Edathodathil A, Treue S**
Adaptive Sampling Methods for a Rapid Estimation of MST Receptive Fields
- 17 **Siebert R, Stettler M, Taubert N, Dicke PW, Giese MA, Thier P**
Encoding of dynamic facial expressions in the macaque superior temporal sulcus
- 18 **Murris S, Westerberg J, Klink C, Roelfsema P**
Consciousness in the primate brain: neuromodulation of (sub)cortical networks
- 19 **Katsanevaki C, Bosman CA, Friston KJ, Fries P**
Modelling the effects of stimulus repetition on gamma oscillations in the visual cortex using DCM



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- 20 **Moeller, S, Dann, B, Scherberger, H, Treue, S, Gail, A, Kagan, I**
Representation of own and other's action in the pre-motor cortex during a dyadic transparent coordination game
- 21 **Wirsum MJ, Smith JET, Dyrby TB, Krug K**
Segregated divisions of macaque lateral intraparietal cortex (LIP) revealed by post-mortem diffusion-weighted imaging (DWI) and tractography
- 22 **Yurt P, Calapai A, Mundry R, Treue S**
Assessing cognitive flexibility via a novel three-dimensional task with neutral distractors
- 23 **Caziot B, Kaminiarz A, Bremmer F**
Retinal optic flow in freely moving non-human primates
- 24 **Yu Y, Bogadhi A, Hafed ZM**
Comparison of the visual discharge properties of primate superior colliculus and primary visual cortex neurons
- 25 **Diomedi S, Vaccari FE, Filippini M, Fattori P**
Insights from decoding parietal cortex activity using Hidden Markov Models
- 26 **Baumann MP, Bogadhi AR, Denninger A, Hafed ZM**
Sensory tuning in neuronal movement commands
- 27 **Nigam T, Schwiedrzik CM**
High-level prediction signals cascade through the macaque face-processing network for efficient pattern separation
- 28 **Surendran D, Lanzarini F, Laurens J**
Marmosets in vestibular research: A study into self-motion perception
- 29 **Marc IB, Bardella G, Giuffrida V, Ramawat S, Pani P, Ferraina S, Brunamonti E**
The premises of a transitive inference task modulate the synchrony of local field potentials in macaque dorsal premotor cortex
- 30 **Zdun N, Dann B, Scherberger H**
Visual activity explains the differences in population dynamics during movement initialisation for the same grasping movements
- 31 **Nazari A, Brockhausen R, Treue S**
The Hierarchical Data Format (HDF5): A file format for storing, sharing & archiving neuroscience data
- 32 **Amann L, Casasnovas V, Ferrea E, Gail A**
Neural representation of feedback and target uncertainty during reaching
- 33 **Casasnovas V, Amann L, Ferrea E, Gail A**
BCI control with uncertain visual feedback
- 34 **Chong I, Thier P**
Monkeys integrate facial expressions and direct gaze to modulate gaze-following behavior
- 35 **Vasileva LN, Leopold DA, Kagan I, Wilke M**
Prediction of subjective visibility from population activity in the visual cortex and thalamus
- 36 **Khademi F, Malevich T, Zhang T, Baumann MP, Hafed ZM**
Visual feature tuning properties of short-latency ocular position drift responses in rhesus macaques
- 37 **Goodman J, Schaffelhofer S, Scherberger H**
How action-specific are representations of observed movement in the primate cortical grasping network?
- 38 **Wang L, Zhou X, Yang J, Zeng F, Cao M, Zuo S, Kusunoki M, Wang H, Zhou Y, Chen A, Chai Kwok S**
Mixed coding of content-temporal detail by dorsomedial posterior parietal neurons
- 39 **Klein FJ, Jendritzka P, Fries P**
Contextual modulation of V1 responses in the awake marmoset WITHDRAWN on 21.04.23