

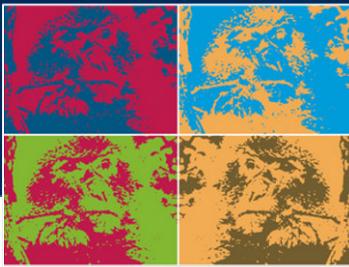
# 13th annual meeting PrimateNeurobiology

Göttingen - Tübingen

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

## Posters 2023 – Session 2

- 1 **Khademi F, Malevich T, Zhang T, Baumann MP, Hafed ZM**  
Visual feature tuning properties of short-latency ocular position drift responses in rhesus macaques
- 2 **Fathian A, Scherberger H**  
Neural population activity during reach and grasp
- 3 **Pandinelli M, Psarou E, Grothe I, Fries P**  
Gamma-oscillatory gain modulation
- 4 **Karami B, Schwiedrzik CM**  
Visual perceptual learning of feature conjunctions leverages non-linear mixed selectivity
- 5 **Nocerino R, Churan J, Scherberger H**  
Using Neuropixels recordings to probe the stability of latent variables of the cortical grasping network in primates
- 6 **Mueller SAL, Oler JA, Roseboom PH, Aggarwal N, Kenwood MM, Riedel MK, Elam VR, Olsen ME, DiFilippo AH, Christian BT, Hu X, Galvan A, Boehm MA, Michaelides M, Kalin NH**  
DREADD-mediated amygdala activation is sufficient to induce anxiety-like responses in young nonhuman primates
- 7 **Fathkhani S, Caziot B, Bremmer F**  
Encoding of 3D space in the macaque ventral intraparietal area (VIP)
- 8 **Zhang Y, Fries P**  
Eccentricity-dependent saccade onset latency: The roles of foveal magnification and attentional orienting
- 9 **Dowiasch S, Churan J, Kaminiarz A, Bremmer F**  
Visual-tactile integration during simulated self-motion in macaque area VIP
- 10 **Giuffrida V, Bardella G, Ramawat S, Marc IB, Fontana R, Brunamonti E, Pani P, Ferraina S**  
Functional network complexity reflects diverse reward contexts in macaque premotor cortex
- 11 **Ibarra Chaoul A, von Nicolai C, Siegel M**  
Regions specific relation between spiking and LFP dynamics in the primate brain
- 12 **Sypré L, Durand J, Nelissen K**  
Functional characterization of macaque insula using task-based and resting-state fMRI
- 13 **Schlüsener J, Shah M, Sandhäger F, von Nicolai C, Siegel M**  
Visual image and category information in monkey EEG and human MEG
- 14 **Liza K, Cadena-Valencia J, Barbruni GL, Ghezzi D, Schmid MC**  
Electrical microstimulation of primate primary visual cortex
- 15 **Rens G, Bognár A, Raman R, Taubert N, Li B, Giese M, De Gelder B, Vogels R**  
Similarity in monkey fMRI activation patterns for human and monkey faces but not bodies
- 16 **von Nicolai C, Siegel M**  
Cortico-subcortical substrates of primate working memory
- 17 **Greilsamer J, Rima S, Haag M, Cadena Valencia J, Lanz F, Schmid MC**  
Cognitive task testing in rhesus macaques with minimal restraint
- 18 **Ghamkhar Nejad G, Bognár A, Raman R, Rens G, Vogels R**  
Optic-flow and body responses overlap in ventral bank of the STS
- 19 **Gupta R, Wachtler T**  
Harmonizing complex NHP data: multimodal data and metadata management in a multi-lab collaboration
- 20 **Cui D, Nelissen K**  
Social context and experience dependent effects in the macaque brain



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- 21 **Bognár A, Mukovskiy A, Ghamkhari Nejad G, Taubert N, Martini L, Stettler M, Raman R, Giese M, Vogels R**  
Feature selectivity of body-patch neurons assessed with a large set of monkey avatars
- 22 **Parto Dezfouli M, Kozyrev V, Daliri MR, Krishna BS, Treue S**  
Differential dynamics of selective spiking and LFP responses in area MT of macaques performing a working memory task
- 23 **Ziaie Nezhad F, Lanzarini F, El Mahmoudi N, Illing C, Weßling J, Surendran D, Laurens J**  
Automatic training of the naturally behaving marmoset monkeys
- 24 **Ferrari-Toniolo S, Chi U Seak L, Schultz W**  
Heterogeneous coding of subjective economic value in monkey dopamine neurons
- 25 **Gravel N, Psarou E, Grothe I, Fries P, Cichy R**  
Layer-specific rhythm interactions in monkey primary visual cortex revealed by multivariate pattern analysis of responses to gratings and natural scenes
- 26 **Cabrera-Moreno J, Jeschke M**  
Acoustic basis for vocal recognition in common marmosets
- 27 **Shahidi N, Ahmed Z, Badayeva Y, Burghardt R, Lacal I, Gail A**  
Spatial pattern of macaques' solo and dyadic foraging in an experimentally controlled terrain
- 28 **Manenti GL, Dizaji AS, Schwiedrzik CM**  
Variability in training unlocks generalization in visual perceptual learning through invariant representations
- 29 **Dadarwal R, Moussavi A, Ortiz-Rios M, Boretius S**  
Quantitative mapping of magnetic susceptibility in the brain of the common marmoset
- 30 **Klink C, Kagan I, Shen K**  
A community-driven NHP connectome
- 31 **Klink C, Teeuwen R, Lorteije J, Roelfsema P**  
Inversion of pop-out for a distracting feature dimension in monkey visual cortex
- 32 **Rotunno C, Ferroni CG, Di Volo M, Bonini L, Maranesi M**  
Neuronal signals for self and other's action in the monkey putamen
- 33 **Hansmeyer L, Trunk A, Agha N, Gail A**  
Neural signatures in the fronto-parietal reach network for planning subsequent reaches in a sequential action selection task
- 34 **Malevich T, Khademi F, Zhang T, Baumann MP, Buonocore A, Hafed ZM**  
Feature-tuned properties and underlying neural mechanisms of the short-latency upward ocular position drift responses
- 35 **Yao T, Vanduffel W**  
Spike rates of frontal eye field neurons predict reaction times in a spatial attention task
- 36 **Huang Y, Brosch M**  
Visual activations in early auditory cortex of monkeys are related to behavior
- 37 **Drebitz E, Rausch LP, Kreiter AK**  
Laminar differences in gamma oscillatory activity in macaque V1 as an indicator for multiple columnar processing ensembles
- 38 **Lanzarini F, El Mahmoudi N, Ziaie Nezhad F, Illing C, Weßling J, Surendran D, Laurens J**  
Systems neuroscience of the Head Direction Cells system in the naturally behaving marmoset monkey
- 39 **Akkoyunlu B, Schwiedrzik C**  
Variability in phase, but not contrast, unlocks generalization in visual perceptual learning
- 40 **Smith B, Diederich S**  
Public outreach and its funding in the context of experimental research with primates