

# 13th annual meeting Primate Neurobiology

Göttingen - Tübingen

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

## WEDNESDAY, APRIL 26, 2023

13:30 Welcome Address (S. Treue)

13:45 **Keynote lecture: Yifat Prut**

*Cerebellar control of neural and behavioral coordination*

14:45 Coffee

15:15 Mark J. Buckley

*Transient perturbation of neuronal activity in macaque frontopolar cortex induces prolonged disruption to rule-based decision-making*

15:45 Tong Zhang

*From the fovea to the periphery and back: mechanisms of trans-saccadic visual information transfer in the superior colliculus*

16:15 Poster session I

17:15 Michael Ortiz-Rios

*Mapping functional networks under medetomidine and isoflurane anesthesia in the common marmoset*

17:45 Ilaria Sani

*The primate endogenous attentional control network includes a ventro-temporal cortical node*

18:30 Reception at DPZ

20:30 Informal "get together" (Liesels, <https://liesels.de>)

Chair: I. Kagan

Chair: C. Schwedrzik

## THURSDAY, APRIL 27, 2023

8:00 Stefan Schaffelhofer

*Workshop "corteXplore": <https://www.cortexplore.com/>*

9:00 Paolo Papale

*A large electrophysiology dataset to reveal the syntax of the primate ventral stream*

9:30 **Keynote lecture: Jude Mitchell**

*Neural mechanisms of active vision in marmoset visual cortex*

10:30 Coffee break

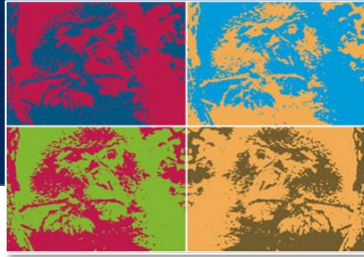
10:45 Stefan Everling

*A vocalization-processing network in marmosets*

11:15 General discussion

12:15 Lunch at DPZ & guided tour DPZ

Chair: H. Scherberger



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THURSDAY, APRIL 27, 2023		
14:45	Marina De Vitis <i>Exploring the neural correlates and the causal role of macaque's medial superior parietal lobule in spatial attention shifts</i>	Chair: H. Scherberger
15:15	Benjamin Dann <i>Principal component analysis captures most of behavior-related latent activity but mixes dimensions</i>	
15:45	Group picture	
16:00	Poster session II & Coffee	
17:00	Irene Lacal / Zurna Ahmed <i>A new approach to study neural correlates of sensorimotor and decision-making processes in freely moving rhesus macaques</i>	Chair: A. Gail
17:30	Marieke Scholvinck <i>Thinking outside the box - Inferring naturalistic cognitive processing across species</i>	
18:00	Corentin Gaillard <i>Neuronal population activity in macaque V5/MT predicts perceptual strategy</i>	
18.30 - 19:30	Working dinner at DPZ	

FRIDAY, APRIL 28, 2023		
9:00	Jean Laurens <i>The statistical power of three monkeys</i>	Chair: R. Baez-Mendoza
9:30	Fabian Grabenhorst <i>A view-based decision mechanism for rewards in primate amygdala neurons</i>	
10:00	Coffee break	
10:15	Jose L. Lanciego <i>Development and characterization of a novel non-human primate model of Parkinson's disease</i>	Chair: M. Wilke
10:45	<b>Keynote lecture: Aldo Genovesio</b> <i>The role of the macaque frontal pole cortex in exploration and evaluation of self and others' choices</i>	
11:45	Concluding discussion	
12:15	Lunch	