Club Neuroéthologie

Satellite Meeting of Neurofrance 2023

Lyon, May 23rd 2023

Amphithéâtre de l'Institut des Sciences Cognitives
Département Neurosciences Cognitives
67 Boulevard Pinel
69675 BRON Cedex

Convenors: German Sumbre & Martin Giurfa

9:00: Welcome

9:30 – 10:10: INVITED TALK – **Nicolas MATHEVON (St Etienne)** (30 +10): *"How crocodiles hear the world: acoustic communication and sound perception in a top predator".*

10:10 – 10:30: Aude RETAILLEAU (Bordeaux) (15 + 5): *"The newt's brain: blueprint of procedural learning network".*

10:30 – 10:50: Luigi BACIADONNA (Toulouse) (15 + 5): *"Individual visual recognition in African penguins (Spheniscus demersus)".*

BREAK 15 min

11:05 - 11:45: INVITED TALK - **Sylvie RETAUX (Paris Saclay)** (30 + 10): *"Evolution of sensory-driven behaviors in blind cavefish".*

11:45 – 12:05: Ehud VINEPINSKY (ENS Paris) (15 + 5): *"Neuronal response to vocalization in the optic tectum of blind Mexican tetra and their surface-dwelling relatives"*

12:05 – 12:25: Gautam SRIDHAR (Paris Sorbonne) (15 + 5): *"Data-driven discovery of long timescale behavioral strategies during sensory evoked locomotion".*

12: 25 – 14:00: Lunch

14:00 – 14:40: INVITED TALK - **Jean Christophe SANDOZ (Gif-sur-Yvette)** (30 +10): *"Evolutionary neuroethology of olfaction in honey bees and other Hymenoptera".*

14:40 – 15:00: Amélie CABIROL (Lausanne)(15 + 5): *"A defined community of core gut bacteria promotes cognitive development in honey bees".*

15:00 – 15:20: Melissa PITZALIS (Gif sur Yvette) (15 + 5) : *"Anatomy of central gustatory circuits in the honey bee brain"*.

BREAK 15 min

15:35 – 16:15: INVITED TALK - Catherine CROCKFORD (**Lyon**) (30 +10): *"The patterning and ontogeny of chimpanzee vocal sequences - and brain pathways"*.

16:15 – 16:35: Mercedes BENGOCHEA (Paris ICM) (15 + 5): *"Sensitivity to numbers is a crucial and evolutionarily conserved cognitive ability"*.

16:35 – 17:00: Discussion sur suite des activités et financement du Club.

17:00 – 19:00: Poster Session

SPONSORING