

Advances in the study of bird perception and cognition

When: March 27, 13:00 – 18:00, March 28, 10:00 – 16:00

Where: 21 KOMCEE West Lecture Hall, The University of Tokyo, Komaba

https://www.u-tokyo.ac.jp/campusmap/cam02_01_55_j.html

Free to attend, no registration necessary

Sponsored by Evolving Linguistics Program, JSPS, Center for Evolutionary Cognitive Science, CiSHuB, Utidahm, Phisem of The University of Tokyo

contact: cokanoya@mail.ecc.u-tokyo.ac.jp

March 27

Introduction by Kazuo Okanoya (13:00 – 13:10)

Audition (13:10 – 16:20)

Kazuo Okanoya (The University of Tokyo): Auditory effects on vocal performance in Canaries and Bengalese finches

Adam Fishbein & Robert J. Dooling (University of Maryland) : Messages in Some of the Details: How Birds Listen to Auditory Sequences

Miki Takahasi (Riken CBS) : Statistical and prosodic cues for song segmentation by Bengalese Finches (*Lonchura striata* var. *domestica*)

Chihiro Mori (JSPS) : Mismatch responses in songbird auditory forebrain

Olfaction (16:30 – 17:20)

Hans-Joachim Bischof and Barbara Caspers, (Bielefeld University) : The Role of Olfaction for Social Behaviour of Zebra Finches

Discussion (17:20 – 18:00)

Discussion with drink and snacks (18:00 – 20:00)

March 28

Vision (10:00 – 12:10)

Shigeru Watanabe (Keio University): Chasing memory engram in the avian brains:1973-1993

Hans-Joachim Bischof (University of Bielefeld) : Functional Organization of the Zebra Finch Visual Wulst: Comparable with Mammalian Visual Cortex?

Hiroyuki Uchiyama (Kagoshima University) : Tectofugal pathway to the retina: Its role in target detection and selection

Lunch (12:10 – 13:10)

Integration (13:10 – 15:10)

Ryosuke O. Tachibana (The University of Tokyo) : Towards a comparative neurobiology of auditory-to-motor integration

Ei-Ichi Izawa (Keio University): Psychological and neural underpinnings for dominance relationship in crows.

Maki Ikebuchi (Riken): Enhanced gene expression by visual and auditory stimuli in songbirds

Discussion (15:10 – 15:40)

Conclusion by Shigeru Watanabe (15:40 – 16:00)

