



Program at a Glance The 11th Annual Meeting of the Society for Bioacoustics

14:30–17:00, December 2nd, 2024

Open Symposium entitled “Bioacoustics of Bats” (in Japanese)

公開シンポジウム「コウモリの生物音響学」 (ハイブリッド開催)

14:30 Opening Remarks, Dai Fukui

14:35 S1: Taro Nojiri (Juntendo University)/ 野尻 太郎 (順天堂大学)

Evolutionary biology of echolocation in bats:

Morphology and development of sound apparatus

コウモリのエコーロケーション進化学：音声器官の形態と発生

15:15 Break

15:20 S2: Daisuke Koyabu (University of Tsukuba)/ 小薮 大輔 (筑波大)

Chromosome-scale whole genome analysis provides new insights into

the evolutionary history of echolocation in bats

コウモリ全ゲノム配列比較で迫るエコーロケーションの進化起源の解明

16:00 Break

16:05 S3: Ryo Nakano (NARO)/ 中野 亮 (農研機構)

Bat avoidance strategy of flying eared moths

蛾類のコウモリ回避戦略

16:45 Information, General Discussion & Closing Remarks, Dai Fukui & Tomonari Akamatsu

09:00–16:00, December 3rd, 2024

Oral Session 1

Chair: TBD

09:00 Opening Remarks

- 09:05 O1: Yoshimasa Tanaka (Shinshu University)
Laser Doppler vibrometry for spider silk reveals a wide frequency range of propagation in comparison to silkworm silk
- 09:25 O2: Lucas Y. Kimura (University of the Ryukyus)
Comparison of coral reef soundscape characteristics between coral-dominated and non-coral dominated habitats
- 09:45 O3: Shun Ito (Tokyo City University)
Sound source localization experiment using underwater full-spherical stereo recording and playback
- 10:05 O4: Yoshikazu Tanaka (Seifu Senior High School)
Verification of the sound production function of channel catfish (*Ictalurus punctatus*) through behavioral observation experiments

10:25 Break

Oral Session 2

Chair: TBD

- 10:40 O5: Yurika Irie (The University of Electro-Communications)
Theoretical calculation of acoustic energy absorption rate in the middle ear
- 11:00 O6: Tomohiro Hakozaki (The University of Electro-Communications)
Improvement of ossicular mobility measuring device for clinical use
- 11:20 O7: Honoka Shirai (The University of Electro-Communications)
Cross-modality effects in auditory and vibrotactile sense
- 11:40 Lunch & Awards Selection Meeting

Oral Session 3

Chair: TBD

- 13:00 O8: Tatsuhiko Harada (International University of Health and Welfare Atami Hospital)
Ipsilateral acoustic reflex measurement using harmonic tones
- 13:20 O9: Yasushi Horii (Kansai University)
Structure of cochlear apex and sound perception in CF-FM bats
- 13:40 O10: Junki Yoshida (Fukushima Museum)
The first discovery of dinosaur larynx provides insights for their bird-like vocalization
- 14:00 O11: Fumio Yamada (Okinawa University)
Vocalization as an ecological trait of the endemic species Amami rabbit *Pentalagus furnessi* and its conservation
- 14:20 General Assembly (Award Ceremony)
- 15:40 Closing Remarks: Dai Fukui