

Friday, 4 December 2020

Session 1 Underwater bioacoustics (Chair; Tomonari Akamatsu)

- 13:00–13:10 Opening remarks: Tomonari Akamatsu
- 13:10–13:40 Invited talk: Songhai Li (Institute of Deep-sea Science and Engineering, Chinese Academy of Sciences)
Long-term and large-scale spatiotemporal patterns of soundscape in a tropical habitat of the Indo-Pacific humpback dolphin (*Sousa chinensis*)
- 13:40–14:00 Contributed talk: Tzu-Hao Lin (Biodiversity Research Center, Academia Sinica)
Assessing diversity of animal vocalizations via unsupervised machine learning
- 14:00–14:20 Contributed talk: Rafael Ayala Lara (University of Saint Joseph)
Assessing noise-induced stress in larval zebrafish: behavioral affection and sensory loss
- 14:20–14:40 Contributed talk: Man Ieng Wong (Institute of Science and Environment, University of Saint Joseph)
Acquired sensorineural hearing loss: from noise to aging effects on zebrafish
- 14:40–14:50 Break

Session 2 Bioacoustical observations (Chair; Songhai Li)

- 14:50–15:10 Contributed talk: Saliza Bono (Fisheries and Environmental Oceanography Laboratory, Kyoto University)
Whistle characteristics of Indo-Pacific humpback dolphins in northwest Peninsular Malaysia in relation to behaviour and anthropogenic activities
- 15:10–15:30 Contributed talk: Bunta Kamei (Tokyo City University)
Underwater panoramic sound recorded by a tetrahedral hydrophone system
- 15:30–15:50 Contributed talk: S.Y.Lee (The University of Electro-Communication)
Simulation of the cochlear nonlinearity based on comparing with measurements of DPOAEs
- 15:50–16:10 General Assembly: Ikuo Matsuo
- 16:10–16:20 Break

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Session 3 Terrestrial bioacoustics (Chair; Takuma Takanashi)

- 16:20–16:40 Contributed talk: Atsushi Kinjo (National Institute of Technology, Okinawa College)
An examination of user interface of smartphone application for field research using cicada's calls
- 16:40–17:00 Contributed talk: Ryo Nakano (Institute of Fruit Tree and Tea Science, NARO)
Dive, fly low or fly fast: defense strategy of moths for bat avoidance
- 17:00–17:30 Invited talk: James F.C. Windmill (Centre for Ultrasonic Engineering, University of Strathclyde)
Moth Ears to Bat Echolocation: inspiring sensors to sonar systems
- 17:30–17:40 Break
- 17:40–17:50 Award ceremony: Takuji Koike & Tomonari Akamatsu
- 17:50–18:00 Closing remarks: Takuma Takanashi