

The 8th Annual Meeting of the Society for Bioacoustics Virtual On-Line meeting,13-14
November 2021

Program

Saturday,13 November 2021

12:00	Starting Registrations
13:00–17:00	Symposium on ‘Life, Sea, and Sky: Learning from the Great Disaster’
13:00–13:05	Opening Remarks, Ikuo Matsuo
13:05–14:05	Symposium talk (S1) Akihiro Kijima (Tohoku University) What happened in ocean by GEJE, and how to contribute for reconstruction by marine science - Activity of TEAMS
14:05–14:10	Break
14:10–15:10	Symposium talk (S2) Katsuyoshi Kawaguchi (JAMSTEC) Real-time seafloor earthquake / tsunami observation and social implementation method of measurement data
15:10–15:20	Break
15:20–16:00	Symposium talk (S3) Hideyuki Takahashi (Tohoku Gakuin University) IoT-based disaster risk reduction support system toward harmony between human and environment
16:00–16:05	Break
16:05–16:45	Symposium talk (S4) Xiyue Wang (Tohoku University) From the ruins: Predicting child behavior and mental health using toy block play data after natural disasters
16:45–17:00	Closing Remarks, Ikuo Matsuo

Sunday, 14 November 2021

Poster Session 1

9:00 – 9:55

P1: Daisuke Mizuguchi (Korea Brain Research Institute)

Vocal babbling in zebra finches reduce the dimension of acoustic features toward future efficient learning

P2: Bo Zhou (Kumamoto University)

Temporal patterns of neuronal responses to repeated stimuli in the mouse auditory cortex

P3: Kotaro Tanaka (Japan Fisheries Science & Technology Association)

Sound classification method using convolutional neural network for coastal marine soundscape monitoring

P4: Yuka Mishima (Tokyo University of Marine Science and Technology)

Challenge to directivity measurement of contact calls in unrestrained Pacific white-sided dolphins

Poster Session 2

9:55 – 10:50

P5: Ayako Tokunaga (The University of Electro-Communications)

Signal properties of vibrator in tomato house for vibration pollination

P6: Kazuko Tsuchihara (Tohoku Gakuin University)

Morphology, distribution and sound response of mechanosensilla in various lepidopteran caterpillars

P7: Kotaro Tanaka (Japan Fisheries Science & Technology Association)

Preliminary study of the soundscape observation by animal-borne recorder with sea turtles in coral reef area

P8: Tatsuru Kuga (Kyushu University)

How to make sounds during flights by the Chinese grasshopper *Acrida cinerea*

Oral Session 1, Chair: Takuma Takanashi

11:00 – 11:05 Opening Remarks

11:05 – 11:25 O1: Ryuhei Yanagisawa (Kagoshima University)

Double effect on pest and crop: vibrations reduced the density of whitefly and increased the yield of tomato fruit

11:25 – 11:45 O2: Takumi Sato (Osaka University)

Development of bird species identifier using deep learning based on convolutional neural network and transformer algorithms

11:45 – 12:05 O3: Takeru Kodama (Kyushu University)

Examining of the functions in two parts of the song of the cicada *Meimuna opalifera*

12:05 – 13:10 Break

Oral Session 2, Chair: Yoshimasa Seki

13:10 – 13:30 O4: Kotaro Tanaka (The Sasakawa Peace Foundation)

Development of a new underwater recorder for long-term monitoring of deep-sea soundscape

13:30 – 13:50 O5: Kenta Tomyta (Aichi University)

Budgerigars (*Melopsittacus undulatus*) discriminate audio-visual compound stimuli in a social context but not in non-social contexts

13:50 – 14:00 Break

Oral Session 3, Chair: Takuji Koike

14:00 – 14:20 O6: Tomonari Akamatsu (The Sasakawa Peace Foundation)

A guidance on measurement and evaluation methods for underwater sound

14:20 – 14:40 O7: Tatsuhiko Harada (International University of Health and Welfare)

A novel technique of middle ear muscle reflex measurement - only use high frequency clicks-

14:40 – 15:10 Invited talk: Yoshimasa Seki (Aichi University)

Parrots sing human music in unison

15:10 – 15:20 Break

15:20 – 15:40 General Assembly

15:40 – 15:50 Award Ceremony: Tomonari Akamatsu

15:50 – 16:00 Closing Remarks: Takuma Takanashi