

## Saturday, 10 December 2016

**9:00-11:40 Executive Meeting (& Meeting of The Organizing Committee) at “Sunrise” on the 2F**

**11:40- Starting Registrations (at the lounge on the 1F)**

**13:00-13:10 Opening Remarks (Junsei Horikawa) at “Orchid” on the 2F**

**13:10-14:10 Symposium “Recent advances in Bioacoustics” (Chair Hiroshi Riquimaroux)**

○13:10-13:40 Jim Simmons: Isolating target shape imaging from target ranging in biosonar

○13:40-14:10 Darlene Ketten: Of Mice and men, bats and rats: A complex answer to why size does not matter

**14:10-14:40 Oral Session at “Orchid” (Chair Junsei Horikawa)**

○14:10-14:25 Yoshimasa Seki: Entrainment to metronomic sounds in vocal learning birds: Studies using key pecking operant tasks

○14:25-14:40 Hiromi Mukai: Male jewel bugs localize female calling vibrations: directional vibration sensing by chordotonal organs

**14:40-15:00 Taking Group Pictures and Break**

**15:00-16:00 Symposium “Recent advances in Bioacoustics” (Chair Takuma Takanashi)**

○15:00-15:30 Azusa Kamikouchi: Organization of the auditory neural pathway in fruit flies

○15:30-16:00 Hidetoshi Iida: Mechanosensing in plants

**16:00-19:00 Poster Session and Exhibitions at a lobby on the 2F**

P1 Kohei Asahara\*, Jozi Nakane, Takumaru Kanzaki, Shunji Sugimoto, Koich Katsurada, Tsuneo Nitta, Junsei Horikawa: EEG during Japanese syllable recall and speech tasks

P2 Takumaru Kanzaki\*, Shunji Sugimoto, Koich Katsurada, Junsei Horikawa, Tsuneo Nitta: Japanese monosyllable recognition from EEG

P3 Kenta Sugiyama\*, Syunji Sugimoto, Junsei Horikawa: Brain activities related to yes-no decision making for tag questions

P4 Ukyo Matsubara\*, Shunji Sugimoto, Yoshiteru Ishida, Junsei Horikawa: EEG activities evoked by joke stories

P5 Takumu Endo\*, Masanobu Miyashita: A computational study of neural dynamics in the auditory cortex for the generation of auditory continuity illusion

P6 Shinpei Ishikawa\*, Masanobu Miyashita, Junsei Horikawa, Shigeru Tanaka: Lateral connections in the visual cortex are important in the formation of orientation representation and information preservation

P7 Minoru Tsuzaki\*, Katuhiro Maki: A new pitch extraction model: Coincidence detectors with an array of self-oscillatory units

P8 Aya Matsunaga\*, Shunji Sugimoto, Minoru Tsuzaki, Junsei Horikawa: Age dependency of phase synchronization of auditory nerve of guinea pigs and rats

P9 Sinyoung Lee\*, Takuji Koike: Finite-element model of human active cochlea: Short-time variation of DP

components on the BM

- P10 Tatsuhiko Harada\*, Junko Yamada, Yusuke Ogawa: Effects of contralateral noise on latency-frequency map of otoacoustic emissions
- P11 Atsushi Shibata\*, Satoshi Ohta, Shunji Sugimoto, Hisayuki Ojima, Junsei Horikawa: Analysis of temporal-information processing of sounds in the primary auditory cortex
- P12 Satoshi Ohta\*, Nodoka Wakabayashi, Syunji Sugimoto, Junsei Horikawa: Distribution of neurons' spectrotemporal receptive fields along the depth axis in the primary auditory cortex
- P13 Koki Hayashi\*, Hisayuki Ojima, Junsei Horikawa: Changes in the temporal pattern of AI activities of guinea pigs trained to identify the interval of the repetitive nature sound
- P14 Yasuharu Hirano\*, Daichi Kominami, Ikkyu Aihara, Masayuki Murata: Real Time Localization Method for Calling Frogs using a Wireless Sensor Network
- P15 Sheue-Er Wang\*, Ching-Lung Lin, Chun-Jen Hsiao, Chung-Hsin Wu: Taiwan field vole pups use ultrasonic bioacoustics to escape predators
- P16 Chi Wang \*, Masataka Nishimura, Wen-Jie Song: Guinea pigs can learn to change behavioral response latency to report their sensation difference to three different sounds
- P17 Ryoichi Iwase\*: Sperm whale vocalizations obtained through 23 year observation on deep seafloor off Hatsushima Island in Sagami Bay
- P18 Ching-Lung Lin\*, Sheue-Er Wang, Chih-Hsiang Hsu, Tian-Yu Lin, Chun-Jen Hsiao, Chung-Hsin Wu: Pesticides induces bioacoustics dysfunction in echolocation bats
- P19 Ru Zhang\*, LiuJun Zhang, Shuxin Zhang, Luhui Yang, Cindy Grimm, Ikuo Matsuo, Rolf Müller: Quantitative description of non-rigid noseleaf motions in old world leaf-nosed bats
- P20 Yuta Yoshimura\*, Yuncong Ma, Takuji Koike: Measurement and evaluation of vibration characteristics of mushroom logs aimed at insect pest control

**19:00-21:00 Banquet at "Le Paradis" on the 1F**

**21:00-22:00 Poster Session and Exhibitions at a lobby on the 2F**

## **Sunday, 11 December 2016**

**8:30-10:40 Poster Session at a lobby on the 2F**

**10:40- 11:00 Break**

**11:00- 12:00 Symposium "Recent advances in Bioacoustics" (Chair Jim Simmons)**

○11:00-11:30 Hiroshi Riquimaroux: How echolocating bats can extract information from weak and noisy returning echoes

○11:30-12:00 Rolf Müller: Peripheral dynamics and sensory information encoding in horseshoe bats

**12:00-13:00 Lunch Break, removing the poster panels.**

**13:00-14:00 General Assembly in "Orchid".**

**14:00-14:20 Award Ceremony in "Orchid".**

**14:20-15:20 Symposium "Recent advances in Bioacoustics" (Chair Yoshimasa Seki and Rolf Müller)**

○14:20-14:50 Chihiro Mori: Audition-independent vocal development in songbird

○14:50-15:20 Chung-Hsin Wu: Environmental manganese damages auditory systems in mice

**15:20-15:50 General Discussion (Chair Darlene Ketten)**

**15:50-16:00 Closing Remarks (Hiroshi Riquimaroux)**

**Poster Session**

<ご参考> ホテル館内図

[http://www.hmi-resort.jp/irago/img/info\\_floor.pdf](http://www.hmi-resort.jp/irago/img/info_floor.pdf)