

## Schedule

<December 9>

**13:30—13:40 Opening remarks for the 11<sup>th</sup> Auditory Research Forum Japan**  
*Hiroshi Riquimaroux*

**13:40—14:40 Oral Presentation (1)**  
(at Seminar Room 5, the 1<sup>st</sup> FL. KAKUTAI-KAN)  
(Chair: *Walter Metzner*)

13:40—14:10 ○ *Shizuko Hiryu, Tomotaka Hagino, Hiroshi Riquimaroux, Yoshiaki Watanabe*  
**Measurements of pulse-echo pair in FM echolocating bat by a telemetry recording: Echo-intensity compensation during landing flight**

14:10—14:40 ○ *Tomotaka Hagino, Shizuko Hiryu, Satoshi Fujioka, Hiroshi Riquimaroux, Yoshiaki Watanabe*  
**Characteristics of echolocation pulse emitted by Japanese house bat (*Pipistrellus abramus*) in the field and laboratory**

**14:40—15:00 Break**

**15:00—16:00 Oral Presentation (2)**  
(at Seminar Room 5, the 1<sup>st</sup> FL. KAKUTAI-KAN)  
(Chair: *Peter M. Narins*)

15:00—15:30 ○ *Takashi Doi, Hiroshi Riquimaroux*  
**Neural responses in the inferior colliculus of Mongolian gerbils to FM tones related to vocal communication**

15:30—16:00 ○ *Toshiko Isei-Jaakkola, Rika Takegata*  
**PBR of Vowel Quantity under Various Word Structures and Prosodic Conditions: Japanese, Finnish and Czech**

**16:00—18:00 Poster Session**

(at Seminar Rooms 1, 2, 3, 4 , the 1<sup>st</sup> FL. KAKUTAI-KAN)

- [P1] ○ *Rika Takegata, Kristina Engel, Stefan Berti, Istvan Winkler*  
**Interaction between spatial and non-spatial cues of sound source identification**
- [P2] ○ *Naoko Tokimoto, Sayaka Hihara, Kazuo Okanoya, Atsushi Iriki*  
**Neural organizations for vocal control in a social rodent, the degus**
- [P3] *Yuji Okuda, Hiroshi Shikata, ○Wen-Jie Song*  
**Electrical stimulation of the primary auditory cortex evokes a tone-conditioned response in guinea pigs**
- [P4] ○ *Tatsunori Matsui, Shunji Sugimoto, Junsei Horikawa*  
**Optical recording of neural activity in the guinea pig auditory cortex in response to complex sounds**
- [P5] ○ *Akira Yamamoto, Kazuo Funabiki, Hiroshi Riquimaroux*  
**Effects of near-infrared laser irradiation on the membrane potential of gerbil's auditory cortices neuron**
- [P6] ○ *Shinichi Kagami, Hiroshi Riquimaroux*  
**Variation in discharge rates of neurons in the auditory cortex of Mongolian gerbils in response to combinations of pure tones**
- [P7] ○ *Satoru Tamagami, Hiroshi Riquimaroux*  
**The differences of response patterns to sound sequence between the right and left hemisphere of the auditory cortex.**
- [P8] ○ *Masaya Tsuji, Hiroshi Riquimaroux*  
**Neural response pattern in the gerbil auditory cortex to the logarithmic rising speed of tone burst**
- [P9] ○ *Walter Metzner, Kohta Kobayasi, Jie Ma*  
**Auditory feedback control of call frequencies in echolocating**

**horseshoe bats: evidence for an efference copy?**

- [P10] ○ *Yoshiki Osawa, Hajime Shimamoto, Shizuko Hiryu, Yoshiaki Watanabe, Hiroshi Riquimaroux*

**Characteristics of biosonar sounds of an FM bat during a paired flight by a small wireless microphone system**

- [P11] ○ *Yu Shiori, Shizuko Hiryu, Maki Omura, Tatsuro Hosokawa, Hiroshi Riquimaroux, Yoshiaki Watanabe*

**Signal characteristics of a CF-FM bat (*Rhinolophus ferrumequinum nippon*), recorded with a telemetry microphone system during the landing flight**

- [P12] ○ *Michihiro Fukuda, Takashi Kida, Shizuko Hiryu, Hiroshi Riquimaroux, Yoshiaki Watanabe*

**Ultrasonic microphone array system for measurement of echolocation pulse emitted by flying Japanese FM bats (*Pipistrellus abramus*)**

- [P13] ○ *Yuichi Morinaka, Norio Omura, Shizuko Hiryu, Tomotaka Hagino, Hiroshi Riquimaroux, Yoshiaki Watanabe*

**A Sound localization model based on the alternate pinna movement of CF-FM bat (*Hipposideros terasensis*)**

- [P14] ○ *Kohei Oka, Yoshiki Osawa, Shizuko Hiryu, Yoshiaki Watanabe, Hiroshi Riquimaroux*

**Greeting communication calls in adult greater horseshoe bats**

- [P15] ○ *Ryota Nakazawa, Hiroshi Riquimaroux*

**Effect of Supplement A (Kankatou) on discrimination task**

- [P16] ○ *Tomofumi Taketani, Hiroshi Riquimaroux*

**What information is a key to identify individual vocalizations in Japanese macaques?**

- [P17] ○ *Chisato Suzuki, Yuki Nagata, Yasunari Sasaki, Hiroshi Riquimaroux*

**Behavioral responses to sounds with rate of frequency change in**

### **Mongolian gerbils**

- [P18] ○ *Jean-Julien Aucouturier*  
**Investigating embodiment mechanisms in music perception: the case of traditional dance music**
- [P19] ○ *Jean-Julien Aucouturier*  
**Auditory saliency and the cognitive implausibility of statistical pattern recognition algorithms for music**
- [P20] ○ *Ryosuke Tachibana, Megumi Saruta, Yasunari Sasaki, Hiroshi Riquimaroux*  
**Importance of supra-segmental cues on recognition of spoken sentence with severe spectral degradation**
- [P21] ○ *Koichi Yamanoi, Ryosuke Tachibana, Hiroshi Riquimaroux*  
**Effect of self-vocalization during training on the intelligibility of noise-vocoded speech sound**
- [P22] ○ *Megumi Saruta, Yasushi Nakai, Ryosuke Tachibana, Yasunari Sasaki, Hiroshi Riquimaroux*  
**Contribution of lexical memory on the understanding of noise-vocoded speech sound**
- [P23] ○ *Toshimasa Hisatake, Ryosuke Tachibana, Hiroshi Riquimaroux*  
**Discrimination of pitch in melody**
- [P24] ○ *Yuka Oonishi, Ryosuke Tachibana, Yasunari Sasaki, Hiroshi Riquimaroux*  
**Recognition of articulatory disordered speech sounds by patients with cleft palate**

**18:00—20:00 Dinner**

**21:00— Poster session (cont.)**

**<December 10>**

**7:30—9:30 Breakfast & Poster Session (cont.)**

**9:30—10:30 Oral Presentation (3)**

(Chair: *Kazuo Ueda*)

9:30—10:00 ○*Peter M. Narins, Daniela S. Grabul, Walter Hödl*

**Cross-modal integration in a tropical dart-poison frog**

10:00—10:30 ○*Kohta I Kobayasi, Jie Ma, Walter Metzner*

**Independent control of vocalization patterns in the nucleus ambiguus of echolocating horseshoe bats.**

**10:30—10:45 Break**

**10:45—11:15 Oral Presentation (4)**

(Chair: *Junsei Horikawa*)

○*Hiroshi Riquimaroux*

**What controls multimodal interaction?**

**11:15—11:50 General Discussion**

(Chair: *Hiroshi Riquimaroux*)

**11:50—12:00 Closing Remarks**

*Hiroshi Riquimaroux*

**12:00—13:00 Lunch**

**13:00 Adjourn**