

FECHNER DAY 2017

Conference Schedule

The 33rd Annual Meeting of the International Society for Psychophysics

Sunday to Thursday, 22-26 October 2017

Kyōsō-kan and Hon-kan, Denki Building, Fukuoka, Japan

Organized by
Research Center for Applied Perceptual Science (ReCAPS)
Kyushu University

ReCAPS

Sponsored by

Fcvb Fukuoka
Convention & Visitors Bureau



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1 Conference Venue

Date or period	Venue	Program
22 October 2017	Kyōsō-kan, the 3rd floor, Conference Room C	Registration and Reception
23–25 October 2017	Kyōsō-kan, the 3rd floor, Conference Room A	Scientific Program
25 October 2017	Hotel New Ōtani	Gala Dinner
26 October 2017	Hon-kan, the 2nd basement, Conference Room 8	Scientific Program and Business Meeting

- *Kyōsō-kan* and *Hon-kan* are two buildings of “Denki Building,” which are next to each other and connected through an underground walkway.
- *Kyōsō-kan* is equipped with escalators, which connect to both the 3rd floor and the 1st basement.
- You have to take another escalator in *Hon-kan* to go down to the 2nd basement from the 1st basement connected to *Kyōsō-kan*.
- Nursing rooms with a baby rack and a small sink are available on the same (3rd) floor of the Conference Rooms in *Kyōsō-kan*.
- Hotel New Ōtani is across the main street, Watanabe dōri, from *Kyōsō-kan* and *Hon-kan*.

1.1 Address of Denki Building in Japanese

The address of Denki Building described in Japanese is the following.

福岡市中央区渡辺通 2-1-82 電気ビル

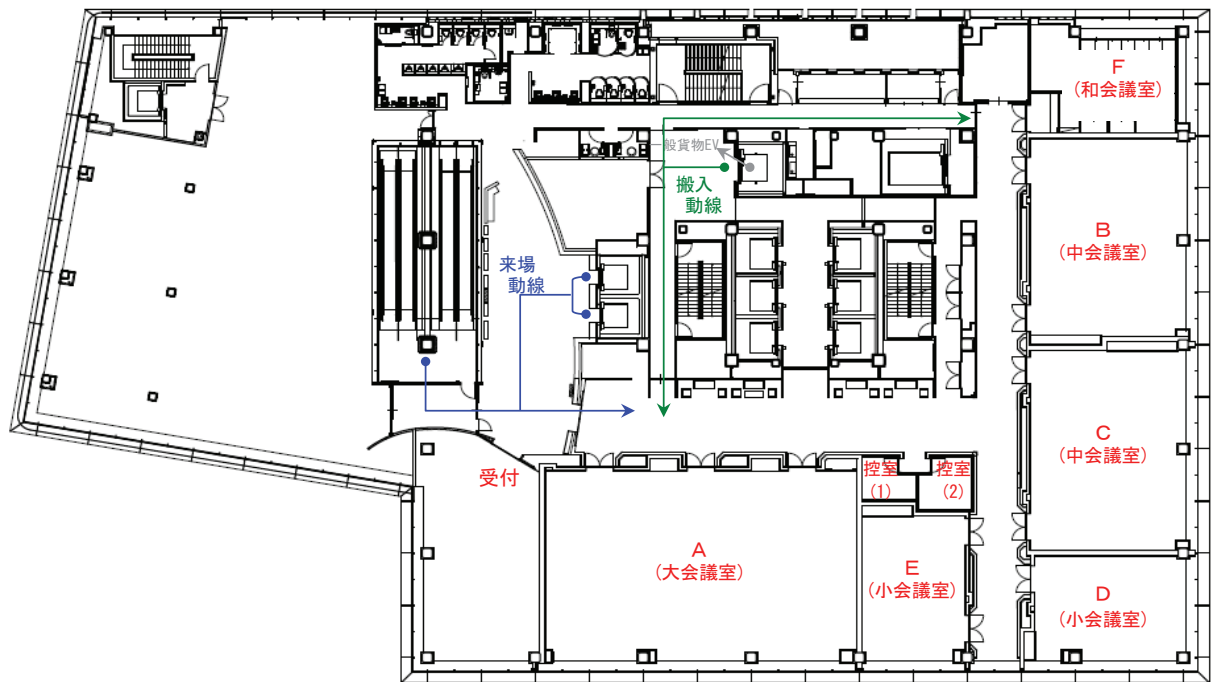
1.2 List of Japanese sentences that may be useful to get to the venue

Here are some pairs of English and Japanese sentences of the same meaning.

No.	English	Japanese
1.	I would like to go to Kyōsō-kan of Denki building.	電気ビルの共創館に行きたいのですが。
2.	I would like to go to Hon-kan of Denki building.	電気ビルの本館に行きたいのですが。
3.	I would like to go to the 3rd floor of Kyōsō-kan.	共創館の3階に行きたいのですが。
4.	I would like to go to the 2nd basement of Hon-kan.	本館の地下2階に行きたいのですが。
5.	Where is the Conference Room 8 in the 2nd basement of Hon-kan?	本館地下2階の第8会議室はどちらでしょうか。
6.	Where is the Hotel New Ōtani?	ホテルニューオータニはどちらでしょうか。

1.3 Map of the 3rd floor of Kyōsō-kan

Conference Room C is for registration and reception on Sunday, 22 October 2017. Conference Room A is used for Scientific Program from 23 to 25 October 2017.



2 Conference Schedule Overview

2.1 Sunday, 22 October 2017

Conference Room C—Registration and Reception

- 14:30–18:00 Registration
17:00–19:00 Reception with *kagamibiraki* (opening a *sake*-cask covered with a straw mat)

2.2 Monday, 23 October 2017

Conference Room A—Opening Remarks, Keynote Lectures, Symposium, and Free Talks

- 09:00–09:10 Welcome Remarks and Announcement; Opening Remarks
09:10–10:00 Keynote Lecture 1
10:20–12:00 Symposium 1—Time in Perception and the Brain
12:00–13:20 Lunch Break
13:20–14:10 Keynote Lecture 2
14:10–15:00 Free Talk Session 1
15:15–16:30 Free Talk Session 2
16:45–18:25 Free Talk Session 3
19:00–21:00 Optional Tour: Hakata Hyakunengura (Sake Brewery)

2.3 Tuesday, 24 October 2017

Conference Room A—Free Talks and Poster Sessions

- 08:20–10:00 Free Talk Session 4
10:20–12:00 Free Talk Session 5
12:00–13:40 Lunch Break (Rearrangement of the conference room)
13:40–15:40 Poster Session I
16:00–18:00 Poster Session II

2.4 Wednesday, 25 October 2017

Conference Room A—Free Talks and Symposium 2

- 08:20–10:00 Free Talk Session 6
10:20–12:00 Free Talk Session 7
12:00–12:20 Group Pictures
12:20–13:30 Lunch Break
13:30–17:30 Symposium 2—the 2nd International Five-Sense Symposium
19:00–20:30 **Hotel New Ōtani—Gala Dinner**

2.5 Thursday, 26 October 2017

Conference Room 8—Free Talks and Symposium 3

- 08:45–10:00** Free Talk Session 8
- 10:20–12:00** Symposium 3—the Future of Vection
- 12:00–13:20** Lunch Break
- 13:20–15:00** Free Talk Session 9
- 15:15–16:55** Free Talk Session 10
- 17:10–18:10** Business Meeting

2.6 Friday, 27 October 2017

Social Event Day: Optional Tour—Yanagawa Boat Cruise and Sightseeing

3 Scientific Program and Meeting Schedule

3.1 Sunday, 22 October 2017

Conference Room C—Registration and Reception

14:30–18:00 Registration

17:00–19:00 Reception with *kagamibiraki* (opening a *sake*-cask covered with a straw mat)

3.2 Monday, 23 October 2017

Conference Room A—Opening Remarks, Keynote Lectures, Symposium, and Free Talks

09:00–09:10 Welcome Remarks and Announcement by Yoshitaka Nakajima
Opening Remarks by John S. Monahan

09:10–10:00 Keynote Lecture 1

Visual psychophysics with natural images
Isamu Motoyoshi

10:00–10:20 Break

10:20–12:00 Symposium 1—**Time in Perception and the Brain**
Organized by Makoto Ichikawa

Does the missed frame in viewing RSVP display affect the perceived duration?
Makoto Ichikawa

The effect of numerical magnitudes on the perceived duration of multi-digit or single-digit intervals
Vincent Laflamme

Vision at the present moment: Visual feature integration over space and time in peripheral vision
Masahiko Terao

Time in the brain: Neuronal population coding of duration
Masamichi J. Hayashi

12:00–13:20 Lunch Break

13:20–14:10 Keynote Lecture 2

Processing spoken words in a second language: Competition, prediction, and alignment
Robert Hartsuiker

14:10–15:00 Free Talk Session 1

Conversational styles with Japanese- and English-speaking children and parents
Yuko Yamashita and David Hirsh

Auditory objects represented as temporal, spectral, and spatial modulation density patterns: a theoretical study
Pierre Divenyi

15:00–15:15 Break

15:15–16:30 Free Talk Session 2

Apparent time compression for slow-motion stimuli

Saya Kashiwakura and Isamu Motoyoshi

Causality replaces perceived timing of two events: Investigation of the competition of multiple causal contexts in a single sequence

Hiroyuki Umemura

Evaluation of naturalistic food images in two different exposure conditions (free vs. time-controlled)

Alexandra Wolf, Jens Blechert, Kajornvut Ounjai, and Johan Lauwereyns

16:30–16:45 Break

16:45–18:25 Free Talk Session 3

Representational momentum and anisotropy in visual space

Timothy L. Hubbard and Susan E. Ruppel

Ebbinghaus illusion in contrast-defined and texture-defined stimuli

Sofia Lavrenteva and Ikuya Murakami

Intelligibility of English noise-vocoded speech resynthesized from spectral-change factors

Takuya Kishida, Yoshitaka Nakajima, Kazuo Ueda, Gerard B. Remijn, Sophia Arndt, and Mark A. Elliott

Irrelevant sound effects with locally time-reversed speech

Wolfgang Ellermeier, Florian Kattner, Kazuo Ueda, and Yoshitaka Nakajima

19:00–21:00 Optional Tour: Hakata Hyakunengura (Sake Brewery)

3.3 Tuesday, 24 October 2017

Conference Room A—Free Talks and Poster Sessions

08:20–10:00 Free Talk Session 4

John Swets, ROC curves, and fifty years of signal detection theory and psychophysics

Roger Adams, Gordon Waddington, Nili Steinberg, and Jia Han

Gray color categorical perception: Asymptotics of psychometric function and mean decision time

Ren Namae, Marie Watanabe, and Ihor Lubashevsky

Subjective confidence in perceptual categorization: Altering performance asymptotes increases overconfidence

Jordan Richard Schoenherr and Guy Lacroix

Capturing decision confidence through response trajectories and willingness to gamble

Arkady Zgonnikov, Aisling Kenny, Denis O’Hora, and KongFatt Wong-Lin

10:00–10:20 Break

10:20–12:00 Free Talk Session 5

Sensory-cognitive interactions in hearing and vision: The effects of aging

Bruce Schneider

Effect of sound on memory and impressiveness of visual imagery

Natalia Postnova and Shin-ichiro Iwamiya

Investigating differences in the dynamic-systems structure of auditory cognition as a function of musical training

Naomi du Bois, José M. Sanchez Bornot, KongFatt Wong-Lin, Mark A. Elliott, and Girijesh Prasad

Some temporal characteristics of music cognition

Mark A. Elliott, Deirdre Farrell, Caitríona Eames, and Naomi du Bois

12:00–13:40 Lunch Break (Rearrangement of the conference room)

13:40–15:40 Poster Session I

15:40–16:00 Break

16:00–18:00 Poster Session II

3.4 Wednesday, 25 October 2017

Conference Room A—Free Talks and Symposium 2

08:20–10:00 Free Talk Session 6

Temporal ensemble coding of sub-second auditory beeps: A MEG study

Lu Guo, Ming Bao, and Lihan Chen

Boundary conditions for the perception of auditory continuity: A temporal asymmetry

Valter Ciocca, Ashley Sirko, and Cassie Tam

Phonology and psychophysics: Is sonority real?

Yoshitaka Nakajima, Kazuo Ueda, Gerard B. Remijn, Yuko Yamashita, and Takuya Kishida

Measurements of the velvet hand illusion

Tetsu Miyaoka

10:00–10:20 Break

10:20–12:00 Free Talk Session 7

Using the effects of foreperiod-variation on readiness to break in driving simulation

Friedrich Müller

Accuracy and latency of kicking foot identification for football opponents in relation to team familiarity and game experience

Benjamin B Moore, Roger D Adams, Nicholas J O'Dwyer, Kylie A Steel, and Stephen Coble

Characteristics of simultaneous tapping by different hands/feet

Yoshiyuki Sato, Kaori Sakai, Eriko Aiba, and Yutaka Sakaguchi

The importance of vestibular input and the environment to early child development as determined through psychophysical principle

Patricia Hannan, Millard F. Reschke, and Eugene Galanter

12:00–12:20 Group Pictures

12:20–13:30 Lunch Break

13:30–15:35 Symposium 2—**The 2nd International Five-Sense Symposium, Part I**

Organized by Lihan Chen, Yoshitaka Nakajima, and Kiyoshi Toko

Haptic perception of digital images and its applications

Wenzhen Yang

Odor-induced arousal dissociates from perceived olfactory intensity and valence

Bin Zhou

The multisensory nature of the body? Insights from the moving rubber hand illusion

Andreas Kalckert

Detecting a touch that wasn't there: Introducing the somatic signal detection task (SSDT) in examining sensory integration

Treshi-Marie Perera

Multisensory integration and teleoperation in virtual reality

Lihan Chen

15:35–15:50 Break

15:50–17:30 Symposium 2—**The 2nd International Five-Sense Symposium, Part II**

Evaluation of food crispness by using sound emission during biting or chewing

Takahisa Nishizu

Visual analysis, modulation and crossmodal effect of food appearance

Katsunori Okajima

Electronic tongue to quantify taste

Kiyoshi Toko

Odor sensing, visualization and application

Kenshi Hayashi

19:00–20:30 Hotel New Ōtani—**Gala Dinner**

3.5 Thursday, 26 October 2017

Conference Room 8—Free Talks and Poster Session

08:45–10:00 Free Talk Session 8

A new probabilistic approach to describing the stream of decision-making events near perception threshold

Ihor Lubashevsky and Kosuke Hijikata

Perceived time as a function of acoustic factors extracted from autocorrelation function

Kazi Saifuddin

The character of sounds attenuation as the decisive factor in Major and Minor chords perception

S. O. Skorik, N. A. Almayev, and Yu. V. Bessonova

10:00–10:20 Break

10:20–12:00 Symposium 3—**The Future of Vection**

Organized by Takeharu Seno

Self-motion perception facilities at York University

Robert S. Allison, Laurence R. Harris, and Michael R.M. Jenkin

Phenomenological approach to vection

Takeharu Seno, Kayoko Murata, and Hidemi Komatsu

Individual differences in postural stability predict both vection and simulator sickness

Stephen Palmisano, Ben Arcioni, and Paul Stapley

Effects of foot-stimulation (vibrations and a water flow) on vection

Yasuaki Tamada, Kiyoshiro Hara, Yoshitaka Fujii, Takeharu Seno, and Masayuki Sato

12:00–13:20 Lunch Break

13:20–15:00 Free Talk Session 9

Color conspicuity in dichromats

Shoji Sunaga, Haruka Oide, and Shigehito Katsura

The effect of stimulus range on visual resolution for perception and action

Tzvi Ganel, Gal Namdar, and Daniel Algom

Adaptive function of color vision in primates

Chihiro Hiramatsu

Perceptual organization from visual positions distorted by motion signals in drifting Gabor patches

Hoko Nakada, Daisuke Hayashi, and Ikuya Murakami

15:00–15:15 Break

15:15–16:55 Free Talk Session 10

Reducing between-subject variation in motion-induced blindness using the method of constant stimuli

Amanda I. LeBel, Hanne K. Hansen, Nicholas C. Duggan, Alison Meurer, Emma G. DePierro, Stephen Z. Zhang, Andrew J. Kitt, and Wm Wren Stine

An object-free algorithm to generate biological motion stimulus from natural movies

Wataru Suzuki, Noritaka Ichinohe, Hiroshige Takeichi, Atsuko Gunji, and Masumi Inagaki

Bukimi no tani: The effects of regulatory foci on response threshold and its effect on cognitive and affective uncertainty

Jordan Richard Schoenherr and Tyler Burleigh

The effect of facial attractiveness on face perception under binocular rivalry

Hidetoshi Kanaya, Takeharu Seno, Masayoshi Nagai, and Takao Sato

16:55–17:10 Break

17:10–18:10 Business Meeting

4 Poster Sessions

We adopt a shift system in the poster sessions: The authors of the odd-numbered poster IDs (e.g., I-1, I-3,..., II-1, II-3,...) are in charge of their own posters for the first half (one hour) of each session, whereas the authors of the even-numbered IDs (e.g., I-2, I-4,..., II-2, II-4,...) are in charge for the second half.

4.1 Poster Session I

- I-1. Scaling depression with psychophysical scaling: A comparison between the Borg CR Scale[®] (CR100, centiMax[®]) and PHQ-9 on a non-clinical sample**
Elisabet Borg and Jessica Sundell
- I-2. Using psychophysical scaling, the Borg CR Scale[®] (CR100, centiMax[®]), in questionnaires to study work-related needs and behaviors**
Elisabet Borg, Johanna Andersson, and Elin Wigert
- I-3. The filled duration illusion in tempo estimation**
Mitsuki Niida and Tadayuki Tayama
- I-4. A CNV analysis of the discrimination of very short time intervals**
Takako Mitsudo, Naruhito Hironaga, and Simon Grondin
- I-5. The effect of numerical magnitudes on the perceived duration of multi-digit or single-digit intervals**
Vincent Laflamme and Simon Grondin
- I-6. Effects of sound marker durations on the perception of inter-onset time intervals: A study with real and synthesized piano sounds**
Emi Hasuo, Yoshitaka Nakajima, Michiko Wakasugi, and Takuya Fujioka
- I-7. Spatial selectivity of the time compression effect induced by visual masking**
Riku Asaoka and Jiro Gyoba
- I-8. ERP correlates of sensory facilitation after exposure to delayed auditory feedback**
Yoshimori Sugano, Jeroen Stekelenburg, Frouke de Schipper, and Jean Vroomen
- I-9. Specificity of perceptual learning in an auditory interval categorization task depending on the decision rule**
Florian Kattner
- I-10. The perception and recognition of auditory icons by Japanese drivers**
João Paulo Cabral, Yoshitaka Nakajima, Kazuo Ueda, and Gerard B. Remijn
- I-11. Perceptual restoration of interrupted locally time-reversed speech**
Kazuo Ueda, Nozomi Inui, Kaisei Shiraki, Valter Ciocca, Yoshitaka Nakajima, and Gerard B. Remijn
- I-12. Influence of the temporal-unit duration on the intelligibility of mosaic speech: A comparison between Japanese and English**
Kaori Kojima, Yoshitaka Nakajima, Kazuo Ueda, Gerard B. Remijn, Mark A. Elliott, and Sophia Arndt
- I-13. The effect of virtual eyes on psychological nervousness of public speakers**
Miharu Fuyuno, Yuko Yamashita, and Yoshitaka Nakajima

- I-14. Critical thinking in two languages: Bilingualism and second language competency as determinants of performance**
S. Arndt, E. Keeney, K. Kojima, S. Volkmer, Z. Bao, S. Liu, S. Antonijevic, Y. Nakajima, and M. A. Elliott
- I-15. Uniqueness of the gaze cue in spatial anisotropy of visual attention**
Hirokazu Eito and Akio Wakabayashi
- I-16. Momentary averted gaze induce the shift of visual attention**
Masaki Ogawa, Hiroyuki Ito, and Shoji Sunaga
- I-17. Interocular independence of attention in pigeons**
Aya Kokubu and Kazuo Fujita
- I-18. Factors affecting the peripheral flicker illusion**
Ito Hiroyuki and Tomomi Koizumi
- I-19. Visual system resists vertical horizontal illusion and Ponzo illusion by mathematical observation**
Masahiro Ishii
- I-20. Sentiment analysis on associated colours by listening synthesized speech**
Atsuya Suzuki, Winthuzar Kyaw, and Yoshinori Sagisaka
- I-21. A case study on synesthesia: Is there a connection between Japanese hiragana-katakana articulation categories and color grouping?**
Miki Hokaajo, Yoshitaka Nakajima, Kazuo Ueda, Chihiro Hiramatsu, Moe Nishikawa, and Gerard B. Remijn
- I-22. Personal space during obstacle avoidance: the effect of avoidance direction**
Kotaro Shimizu, Yusuke Kondo, Yuriko Kihara, Kazunari Ito, Keita Tai, Takahiro Higuchi, and Taketo Furuna
- I-23. The lateral margin while walking through apertures created between person and wall**
Kazunari Ito, Kotaro Shimizu, Toshiyuki Kikuchi, Yusuke Kondo, Yuriko Kihara, Keita Tai, Takahiro Higuchi, and Taketo Furuna
- I-24. The location of visual feedback influences perceived action-outcome interval**
Kentaro Yamamoto
- I-25. Where and when did it bounce?**
Junji Yanagi and Makoto Ichikawa
- I-26. Multi-stable motion perception in the Polka Dance stimulus**
Hiroaki Yano, Yoshitaka Nakajima, Kazuo Ueda, Tatsuya Yoshizawa, and Gerard B. Remijn
- I-27. Pre-presentation of random motion reduces the latency ofvection**
Jing Ni, Hiroyuki Ito, Masaki Ogawa, and Shoji Sunaga
- I-28. Inhibition ofvection by object grasping movement**
Masaki Mori and Takeharu Seno
- I-29. Dissociation between perception and action in induced motion: a comparison between tennis players and novices**
Yasuhiro Seya and Hiroyuki Shinoda

- I-30. Discrimination of vehicle speeds by stopped observers**
Bruno Araújo Faria and Ricardo Kamizaki
- I-31. Toward a better lip-sinc video by armature singers**
Sayoko Takano
- I-32. A new affective measurement with a joystick reveals temporal characteristics of audio-visual interaction in film viewing**
Masaharu Nomura and Hiroshi Arao
- I-33. The effects of sound frequency on sound-induced flash illusion**
Yu Masago, Takuma Matumura, Yuta Tamai, Takafumi Furuyama, Shizuko Hiryu, and Kohta I. Kobayasi
- I-34. Neurophysiological method for unrevealing the audio-visual integration in Mongolian gerbil**
Yuki Ito, Takafumi Furuyama, Shizuko Hiryu, and Kohta I. Kobayasi
- I-35. Cross-modal effect of a synthetic speech continuum on the judgment of a visual object's size**
Sachi Itagaki, Hikari Oonishi, Shizuko Hiryu, and Kohta I. Kobayasi
- I-36. Effect of spatial and emotional cueing on evaluative decision-making under different timing conditions**
Ji Xu, Noha Mohsen Zommara, Kajornvut Ounjai, and Johan Lauwereyns
- I-37. Does face color facilitate to judge the facial expression?**
Fumiyo Takahashi and Yasuhiro Kawabata
- I-38. Fear improves perception: Enhanced sensitivity to threat**
Yaniv Mama, Koby Cohen, and Eran Chajut
- I-39. Implicit preference for masterpieces**
Kiyoe Cho
- I-40. Study on the criteria for artistic activities by people with disabilities**
Tsukasa Muraya, Takeharu Seno, and Yasuyuki Hirai

4.2 Poster Session II

- II-1. Can subject's response delay time be a basic quantity in the description of human intermittent control?**
Takashi Suzuki and Ihor Lubashevsky
- II-2. Web site for teaching psychophysical methods with mobile devices**
Kenzo Sakurai, William H.A. Beaudot, and Hiroshi Ono
- II-3. Apparent speed in object motion has influence on time perception**
Airi Takase and Tadayuki Tayama
- II-4. The relationship between the filled duration illusion and the time dilation illusion**
Erika Tomimatsu, Yoshitaka Nakajima, Mark A. Elliott, Hiroyuki Ito, and Takuya Kishida
- II-5. Estimating visual average and numerical average across time**
Hiromi Sato and Isamu Motoyoshi

- II-6. Temporal bias induced by pattern regularity**
Kyoshiro Sasaki and Yuki Yamada
- II-7. Effects of cochlear delay on perception of simultaneity for two pure tones**
Satoshi Okazaki and Makoto Ichikawa
- II-8. Measurement of behavioral state transition between ambiguous illusory melodies and its model**
Yusuke Yoshino and Iku Nemoto
- II-9. Auditory processing disorder and its relation to specific learning disorder in children**
Rosana M. Tristão and Patricia Cunha
- II-10. Three-dimensional shape recognition by ultrasonic binaural echoes**
Miwa Sumiya, Taito Banda, Kaoru Ashihara, Kohta I. Kobayasi, Kazuki Yoshino, Masaki Gogami, Yoshiki Nagatani, Yoshiaki Watanabe, and Shizuko Hiryu
- II-11. Irrelevant sound effects with locally time-reversed speech: Real performance difference between German and Japanese native speakers?**
Kazuo Ueda, Akie Shibata, Yoshitaka Nakajima, Katharina Rost, Florian Kattner, and Wolfgang Ellermeier
- II-12. Speech encoding scheme for hearing aid with infrared laser**
Yuta Tamai, Kazuyuki Matsumoto, Makoto Arimura, Shizuko Hiryu, and Kohta I. Kobayasi
- II-13. Temporal resolution needed for auditory communication: Measurement with mosaic speech**
Yoshitaka Nakajima, Mizuki Matsuda, Kazuo Ueda, and Gerard B. Remijn
- II-14. Influence of articulatory suppression on Corsi block task: A psychophysical analysis**
Shota Mitsuhashi, Shogo Hirata, and Hideyuki Okuzumi
- II-15. The detection time for human with different orientation views in natural scenes: Evidence from an ultra-rapid detection task**
Ryo Tachibana and Keiyu Niikuni
- II-16. A collective “phototaxis” of a soldier crab**
Shusaku Nomura and Haruna Kawai
- II-17. Temporal continuity of vision and cyclic binding of position and object at theta rhythm**
Ryohei Nakayama and Isamu Motoyoshi
- II-18. Development of visual thresholds among younger schoolchildren**
Olga Lomtadze and Anna Alekseeva
- II-19. Does emotional valence and arousal affect temporal resolution of vision?**
Misa Kobayashi and Makoto Ichikawa
- II-20. Color-temperature association in dichromatic and trichromatic individuals**
Yuki Mori and Chihiro Hiramatsu
- II-21. Perceived 2D shape and orientation of a 3D object**
Yi Zhang and Hiroyuki Mitsudo

- II-22. The apparent size of element varies with size of entire stimulus arrangement and element eccentricity**
Taiichiro Uechi and Makoto Ichikawa
- II-23. Evidence of gaze bias effect and visual orienting during risky choice**
Noha Mohsen Zommara, Muneyoshi Takahashi, Kajornvut Ounjai, Ji Xu, and Johan Lauwereyns
- II-24. Effect of the refractive index on evaluation of non-visual features of bounding elastic objects**
Yusuke Tani, Kai Nakanishi, Kensuke Tobitani, and Noriko Nagata
- II-25. Stream/bounce effect in illusory line motion**
Akihiko Gobara and Yuki Yamada
- II-26. Measurement of vection strength induced by vection scenes in the Japanese animations**
Kousuke Tokunaga, Yoshitaka Fujii, Masaki Ogawa, Satoshi Ikehata, Tomohiro Masuda, and Takeharu Seno
- II-27. Effect of frame rate on vection strength**
Yoshitaka Fujii, Takeharu Seno, and Robert S. Allison
- II-28. Development of asymmetry in vection for expansion/contraction radial optic flows**
Nobu Shirai, Shuich Endo, Shigehito Tanahashi, Takeharu Seno, and Tomoko Imura
- II-29. Postural instability predicts the likelihood, but not the severity, of cybersickness in HMDs**
Stephen Palmisano, Benjamin Arcioni, Juno Kim, Deborah Apthorp, and Paul Stapley
- II-30. Viewing hand motion can elicit tickle sensation**
Godai Saito, Reo Takahashi, and Jiro Gyoba
- II-31. Recalibration of audiovisual timing: Different mechanisms for subjective simultaneity and cross-modal interaction?**
Kosuke Yamamoto and Hideaki Kawabata
- II-32. Visual working memory representation of compound stimuli: Effects of audiovisual interaction at different virtual distances**
Qiongyu Wang and Lihan Chen
- II-33. Learning arbitrary associations between visual and tactile features**
Ryo Teraoka and Wataru Teramoto
- II-34. Geometric shapes modulate the visual illusion induced by sound**
Yasuhiro Takeshima
- II-35. Conflict monitoring enhancement with short duration deep breathing: An event-related potential study**
Kok Suen Cheng, Yun Fah Chang, and Poh Foong Lee
- II-36. Olfactory cue gains preference for novel fruit depending on categorical compatibility**
Fumiya Yonemitsu, Kyoshiro Sasaki, and Yuki Yamada

II-37. Eye movements and lie detection

Yulia V. Bessonova

II-38. Effect of predictive information in subjective evaluation task

Kajornvut Ounjai, Shunsuke Kobayashi and Johan Lauwereyns

II-39. Paradoxical relationship between salivary oxytocin concentration and aesthetic preference for drawings: A preliminary study

Hirokazu Doi and Kazuyuki Shinohara