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

Fukuoka Convention & Visitors Bureau
KYUSHU UNIVERSITY
Contents

1 Conference Venues 1
   1.1 Conference venue schedule ........................................... 1
   1.2 Connections between the venues ....................................... 1
   1.3 Address of Denki Building in Japanese ................................. 1
   1.4 List of Japanese sentences that may be useful to get to the venue ... 1
   1.5 Map of the 3rd floor of Kyōsō-kan .................................. 2

2 Conference Schedule Overview 3
   2.1 Sunday, 22 October 2017 ................................................ 3
   2.2 Monday, 23 October 2017 ................................................ 3
   2.3 Tuesday, 24 October 2017 ............................................... 3
   2.4 Wednesday, 25 October 2017 .......................................... 3
   2.5 Thursday, 26 October 2017 ............................................ 4
   2.6 Friday, 27 October 2017 ............................................... 4

3 Scientific Program and Meeting Schedule 5
   3.1 Sunday, 22 October 2017 ................................................ 5
   3.2 Monday, 23 October 2017 ............................................... 5
   3.3 Tuesday, 24 October 2017 ............................................... 6
   3.4 Wednesday, 25 October 2017 ......................................... 7
   3.5 Thursday, 26 October 2017 ........................................... 8

4 Poster Sessions 10
   4.1 Poster Session 1 ......................................................... 10
   4.2 Poster Session 2 ......................................................... 12
1 Conference Venues

1.1 Conference venue schedule

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

1.2 Connections between the venues

- 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.

1.3 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

1.4 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.

<table>
<thead>
<tr>
<th>No.</th>
<th>English</th>
<th>Japanese</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>I would like to go to Kyōsō-kan of Denki building.</td>
<td>電気ビルの共創館に行きたいのがです。</td>
</tr>
<tr>
<td>2.</td>
<td>I would like to go to Hon-kan of Denki building.</td>
<td>電気ビルの本館に行きたいのがです。</td>
</tr>
<tr>
<td>3.</td>
<td>I would like to go to the 3rd floor of Kyōsō-kan.</td>
<td>共創館の3階に行きたいのがです。</td>
</tr>
<tr>
<td>4.</td>
<td>I would like to go to the 2nd basement of Hon-kan.</td>
<td>本館の地下2階に行きたいのがです。</td>
</tr>
<tr>
<td>5.</td>
<td>Where is the Conference Room 8 in the 2nd basement of Hon-kan?</td>
<td>本館地下2階の第8会議室はどちらでしょうか。</td>
</tr>
<tr>
<td>6.</td>
<td>Where is the Hotel New Ōtani?</td>
<td>ホテルニューオータニはどちらでしょうか。</td>
</tr>
</tbody>
</table>
1.5 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 1
16:00–18:00  Poster Session 2

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 Otani—Gala Dinner
2.5 Thursday, 26 October 2017

Conference Room 8—Free Talks and Symposium 3

09:10–10:00  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  
15:15–16:30  Free Talk Session 10  
16:45–17:45  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 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 anistrophy 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: Asymtotics 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 music 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 1 (see pages 10 to 12)
15:40–16:00 Break
16:00–18:00 Poster Session 2 (see pages 12 to 15)

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 and and Wiebke Melcher
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 Cobley
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
Organized by Lihan Chen, Yoshitaka Nakajima, and Kiyoshi Toko
Haptic perception of digital images and its applications
Wenzhen Yang, Jiali Luo, Xinli Wu, Zhaona Jiang, and Ke Qiu
Odor-induced arousal dissociates from perceived olfactory intensity and valence
Wei Chen, Fangshu Yao, Bin Zhou, and Wen 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

Taste sensor: Electronic tongue to quantify taste
Kiyoshi Toko

Odor sensing, visualization, and application
Kenshi Hayashi

19:00–20:30 Hotel New Otani—Gala Dinner
Note: There is no strict dress code for the Gala Dinner, but flip-flops or shorts are not considered appropriate.

3.5 Thursday, 26 October 2017
Conference Room 8—Free Talks and Poster Session

09:10–10:00 Free Talk Session 8
A new probabilistic approach to describing the stream of decision-making events near perception threshold
Ihor Lubashevsky and Kosuke Hijikata

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
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

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

15:00–15:15 Break

15:15–16:30 Free Talk Session 10

An object-free algorithm for generating biological motion stimuli 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

16:30–16:45 Break

16:45–17:45 Business Meeting
4 Poster Sessions

A set of boards of 2100 millimeters (= 82.7 inches) tall and 1800 (= 70.9 inches) wide is allotted to each poster. For example, you can put a landscape A0-size (841 mm long and 1189 wide) poster on your boards. The poster boards are prepared during the lunch break of Tuesday, 24 October 2017, 12:00–13:40.

We adopt a shift system in the poster sessions: The authors of the odd-numbered poster IDs (e.g., P1-1, P1-3,..., P2-1, P2-3,...) 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., P1-2, P1-4,..., P2-2, P2-4,...) are in charge for the second half.

4.1 Poster Session 1

P1-1. 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

P1-2. 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

P1-3. The filled duration illusion in tempo estimation
Mitsuki Niida and Tadayuki Tayama

P1-4. A CNV analysis of the discrimination of very short time intervals
Takako Mitsudo, Naruhito Hironaga, and Simon Grondin

P1-5. Is the acoustic language universal really universal?
Yoshitaka Fujii, Yoshitaka Nakajima, Takuya Kishida and Takeharu Seno

P1-6. 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

P1-7. Spatial selectivity of the time compression effect induced by visual masking
Riku Asaoka and Jiro Gyoba

P1-8. ERP correlates of sensory facilitation after exposure to delayed auditory feedback
Yoshimori Sugano, Jeroen Stekelenburg, Frouke de Schipper, and Jean Vroomen

P1-9. Specificity of perceptual learning in an auditory interval categorization task depending on the decision rule
Florian Kattner

P1-10. The perception and recognition of auditory icons by Japanese drivers
João Paulo Cabral, Yoshitaka Nakajima, Kazuo Ueda, and Gerard B. Remijn

P1-11. Perceptual restoration of interrupted locally time-reversed speech
Kazuo Ueda, Nozomi Inui, Kaisei Shiraki, Valter Ciocca, Yoshitaka Nakajima, and Gerard B. Remijn

P1-12. 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
P1-13. The effect of virtual eyes on psychological nervousness of public speakers
Miharu Fuyuno, Yuko Yamashita, and Yoshitaka Nakajima

P1-14. Critical thinking in two languages: Bilingualism and second language competency as determinants of performance
Sophia Arndt, Ethan Keeney, Kaori Kojima, Sarah Volkmer, Zhimin Bao, Shimeng Liu, Stanislava Antonijevic, Yoshitaka Nakajima, and Mark A. Elliott

P1-15. Uniqueness of the gaze cue in spatial anisotropy of visual attention
Hirokazu Eito and Akio Wakebayashi

P1-16. Momentary averted gaze induce the shift of visual attention
Masaki Ogawa, Hiroyuki Ito, and Shoji Sunaga

P1-17. Interocular independence of attention in pigeons
Aya Kokubu and Kazuo Fujita

P1-18. Factors affecting the peripheral flicker illusion
Ito Hiroyuki and Tomomi Koizumi

P1-19. Visual system resists vertical horizontal illusion and Ponzo illusion by mathematical observation
Masahiro Ishii

P1-20. Sentiment analysis on associated colours by listening synthesized speech
Atsuya Suzuki, Winthuzar Kyaw, and Yoshinori Sagisaka

P1-21. A case study on synesthesia: Is there a connection between Japanese hiragana-katakana articulation categories and color grouping?
Miki Hokajo, Yoshitaka Nakajima, Kazuo Ueda, Chihiro Hiramatsu, Moe Nishikawa, and Gerard B. Remijn

P1-22. Personal space during obstacle avoidance: the effect of avoidance direction
Kotaro Shimizu, Yusuke Kondo, Yuriro Kihara, Kazunari Ito, Keita Tai, Takahiro Higuchi, and Taketo Furuna

P1-23. Lateral margin when walking through an aperture created by a person and a wall
Kazunari Ito, Kotaro Shimizu, Toshiyuki Kikuchi, Yusuke Kondo, Yuriro Kihara, Keita Tai, Takahiro Higuchi, and Taketo Furuna

P1-24. The location of visual feedback influences perceived action-outcome interval
Kentarou Yamamoto

P1-25. Where and when did it bounce?
Junji Yanagi and Makoto Ichikawa

P1-26. Multi-stable motion perception in the Polka Dance stimulus
Hiroaki Yano, Yoshitaka Nakajima, Kazuo Ueda, Tatsuya Yoshizawa, and Gerard B. Remijn

P1-27. Pre-presentation of random motion reduces the latency of vection
Jing Ni, Hiroyuki Ito, Masaki Ogawa, and Shoji Sunaga

P1-28. Inhibition of vection by object grasping movement
Masaki Mori and Takeharu Seno
P1-29. Dissociation between perception and action in induced motion: a comparison between tennis players and novices
Yasuhiro Seya and Hiroyuki Shinoda

P1-30. Discrimination of vehicle speeds by standing watchers
Bruno Araújo Faria and Ricardo Kamizaki

P1-31. Toward a better lip-sinc video by armature singers
Sayoko Takano

P1-32. A new affective measurement with a joystick reveals temporal characteristics of audio-visual interaction in film viewing
Masaharu Nomura and Hiroshi Arao

P1-33. The effects of sound frequency on sound-induced flash illusion
Yu Masago, Takuma Matumura, Yuta Tamai, Takafumi Furuyama, Shizuko Hiryu, and Kohta I. Kobayasi

P1-34. Neurophysiological method for unrevealing the audio-visual integration in Mongolian gerbil
Yuki Ito, Takafumi Furuyama, Shizuko Hiryu, and Kohta I. Kobayasi

P1-35. 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

P1-36. Effect of spatial and emotional cueing on evaluative decision-making under different timing conditions
Ji Xu, Noha Molsen Zommara, Kajornvut Ounjai, and Johan Lauwereyns

P1-37. Does face color facilitate to judge the facial expression?
Fumiyo Takahashi and Yasuhiro Kawabata

P1-38. Fear improves perception: Enhanced sensitivity to threat
Yaniv Mama, Koby Cohen, and Eran Chajut

P1-39. Implicit preference for masterpieces
Kiyoe Cho

P1-40. Study on the criteria for artistic activities by people with disabilities: Verification of the criteria lists by subjective evaluation test for the experts
Tsukasa Muraya, Takeharu Seno, and Yasuyuki Hirai

4.2 Poster Session 2

P2-1. Can the delay time of subject’s response be a true component of the theory of human intermittent control?
Takashi Suzuki and Ihor Lubashevsky

P2-2. Web site for teaching psychophysical methods with mobile devices
Kenzo Sakurai, William H.A. Beaudot, and Hiroshi Ono

P2-3. Apparent speed in object motion has influence on time perception
Airi Takase and Tadayuki Tayama
P2-4. The relationship between the filled duration illusion and the time dilation illusion
   Erika Tomimatsu, Yoshitaka Nakajima, Mark A. Elliott, Hiroyuki Ito, and Takuya Kishida

P2-5. Estimating visual average and numerical average across time
   Hiromi Sato and Isamu Motoyoshi

P2-6. Temporal bias induced by pattern regularity
   Kyoshiro Sasaki and Yuki Yamada

P2-7. Effects of cochlear delay on perception of simultaneity for two pure tones
   Satoshi Okazaki and Makoto Ichikawa

P2-8. Measurement of behavioral state transition between ambiguous illusory melodies and its model
   Yusuke Yoshino and Iku Nemoto

P2-9. Auditory processing disorder and its relation to specific learning disorder in children
   Rosana M. Tristão and Patricia Cunha

P2-10. 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

P2-11. 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

P2-12. Speech encoding scheme for hearing aid with infrared laser
   Yuta Tamai, Kazuyuki Matsumoto, Makoto Arimura, Shizuko Hiryu, and Kohta I. Kobayasi

P2-13. Temporal resolution needed for auditory communication: Measurement with mosaic speech
   Yoshitaka Nakajima, Mizuki Matsuda, Kazuo Ueda, and Gerard B. Remijn

P2-14. Influence of articulatory suppression on Corsi block task: A psychophysical analysis
   Shota Mitsuhashi, Shogo Hirata, and Hideyuki Okuzumi

P2-15. The detection time for human with different orientation views in natural scenes: Evidence from an ultra-rapid detection task
   Ryo Tachibana and Keiyu Niikuni

P2-16. A collective “phototaxis” of a soldier crab
   Shusaku Nomura and Haruna Kawai

P2-17. Temporal continuity of vision and cyclic binding of position and object at theta rhythm
   Ryohei Nakayama and Isamu Motoyoshi

P2-18. Development of visual thresholds among younger schoolchildren
   Olga Lomtatidze and Anna Alekseeva

P2-19. Does emotional valence and arousal affect temporal resolution of vision?
   Misa Kobayashi and Makoto Ichikawa
P2-20. Color-temperature association in dichromatic and trichromatic individuals
Yuki Mori and Chihiro Hiramatsu

P2-21. Perceived 2D shape and orientation of a 3D object
Yi Zhang and Hiroyuki Mitsudo

P2-22. The apparent size of element varies with size of entire stimulus arrangement and element eccentricity
Taiichiro Uechi and Makoto Ichikawa

P2-23. Evidence of gaze bias effect and visual orienting during risky choice
Noha Mohsen Zommara, Muneyoshi Takahashi, Kajornvut Ounjai, Ji Xu, and Johan Lauwereyns

P2-24. Effect of the refractive index on evaluation of non-visual features of bounding elastic objects
Yusuke Tani, Kai Nakanishi, Kensuke Tobitani, and Noriko Nagata

P2-25. Stream/bounce effect in illusory line motion
Akihiko Gobara and Yuki Yamada

P2-26. 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

P2-27. Effect of frame rate on vection strength
Yoshitaka Fujii, Takeharu Seno, and Robert S. Allison

P2-28. Development of asymmetry in vection for expansion/contraction radial optic flows
Nobu Shirai, Shuich Endo, Shigehito Tanahashi, Takeharu Seno, and Tomoko Imura

P2-29. Postural instability predicts the likelihood, but not the severity, of cybersickness in HMDs
Stephen Palmisano, Benjamin Arcioni, Juno Kim, Deborah Apthorp, and Paul Stapley

P2-30. Viewing hand motion can elicit tickle sensation
Godai Saito, Reo Takahashi, and Jiro Gyoba

P2-31. Recalibration of audiovisual timing: Different mechanisms for subjective simultaneity and cross-modal interaction?
Kosuke Yamamoto and Hideaki Kawabata

P2-32. Visual working memory representation of compound stimuli: Effects of audiovisual interaction at different virtual distances
Qiongyu Wang and Lihan Chen

P2-33. Learning arbitrary associations between visual and tactile features
Ryo Teraoka and Wataru Teramoto

P2-34. Geometric shapes modulate the visual illusion induced by sound
Yasuhiro Takeshima

P2-35. Conflict monitoring enhancement with short duration deep breathing: An event-related potential study
Kok Suen Cheng, Yun Fah Chang, and Poh Foong Lee
P2-36. Olfactory cue gains preference for novel fruit depending on categorical compatibility
    Fumiya Yonemitsu, Kyoshiro Sasaki, and Yuki Yamada

P2-37. Eye movements and lie detection
    Yulia V. Bessonova and Svetlana Pezhikova

P2-38. Effect of predictive information in subjective evaluation task
    Kajornvut Ounjai, Shunsuke Kobayashi and Johan Lauwereyns

    Hirokazu Doi and Kazuyuki Shinohara