

## 業績目録

高橋康介（中京大学心理学部）

2020年1月現在

### a. 外国語による論文・著書（分担執筆を含む）

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30. Abe, M. O., Koike, T., Okazaki, S., Sugawara, S. K., **Takahashi, K.**, Watanabe, K., & Sadato, N. (2019) Neural correlates of online cooperation during joint force production. *NeuroImage*, 191, 150-161.
29. Irie, R., Kamagata, K., Kerever, A., Ueda, R., Yokosawa, S., Otake, Y., Ochi, H., Yoshizawa, H., Hayashi, A., Tagawa, K., Okazawa, H., **Takahashi, K.**, Sato, K., Hori, M., Arikawa-Hirasawa, E., & Aoki, S. (2018) The relationship between neurite density measured with confocal microscopy in a cleared mouse brain and metrics obtained from diffusion tensor and diffusion kurtosis imaging. *Magnetic Resonance in Medical Sciences*, 17 (2), 138-144.
28. Weller, M., **Takahashi, K.**, Watanabe, K., Bühlhoff, H. H., & Meilinger, T. (2018) The Object Orientation Effect in Exocentric Distances. *Frontiers in psychology*, 9, 1374.
27. **Takahashi, K.**, Fukuda, H., Watanabe, K., & Ueda, K. (2018). Psychological influences of animal-themed food decorations. *Food Quality and Preference*, 64, 232-237.
- ※26. **Takahashi, K.** (2017) Curvature Blindness Illusion. *i-Perception*, 8, 1-12.
25. **Takahashi, K.**, Oishi, T., & Shimada, M. (2017) Is ☺ Smiling? Cross-cultural Study on Recognition of Emoticon's Emotion. *Journal of Cross-Cultural Psychology*, 48 (10), 1578-1586.
24. Jung, E., **Takahashi, K.**, Watanabe, K., de la Rosa, S., Butz, M.V., Bühlhoff, H.H., &

- Meilinger, H. (2016) The Influence of Human Body Orientation on Distance Judgments. *Frontiers in Psychology*, 7 (217).
23. **Takahashi, K.**, & Watanabe, K. (2015) Mental summation of temporal duration within and across senses. *PLoS ONE*, 10 (10), e0141466.
  22. **Takahashi, K.**, & Watanabe, K. (2015) Seeing objects as faces enhances object detection. *i-Perception*, 6(5).
  21. **Takahashi, K.**, & Watanabe, K. (2015) Synchronous motion modulates animacy perception. *Journal of Vision*, 15 (8): 17, 1-17.
  20. **Takahashi, K.**, Fukuda, H., Samejima, K., Watanabe, K. & Ueda, K. (2015) Impact of stimulus uncanniness on speeded response. *Frontiers in Psychology*, 6, 662.
  19. Ueda, H., **Takahashi, K.**, & Watanabe, K. (2014) Effects of direct and averted gaze on the subsequent saccadic response. *Attention, Perception, & Psychophysics*, 76 (4), 1085-1092.
  18. Ueda, H., **Takahashi, K.**, & Watanabe, K. (2014) Influence of removal of invisible fixation on the saccadic and manual gap effect. *Experimental Brain Research*, 232 (1), 329-336.
  17. **Takahashi, K.** & Watanabe, K. (2013) Gaze cueing by pareidolia faces. *i-Perception*, 4 (8), 490-492.
  16. **Takahashi, K.**, Meilinger, T., Watanabe, K., & Bühlhoff, H.H. (2013) Psychological influences on distance estimation in a virtual reality environment. *Frontiers in Human Neuroscience*, 7, 580.
  15. Kondo, A., **Takahashi, K.**, & Watanabe, K. (2013) Influence of Gender Membership on Sequential Decision of Face Attractiveness. *Attention, Perception, & Psychophysics*, 75 (7), 1347-1352.
  - ※14. **Takahashi, K.**, Yamada, S., Ono, F., & Watanabe, K. (2013) Loss of color by afterimage masking. *i-Perception*, 4 (3), 144-146.
  13. Ueda, H., **Takahashi, K.**, & Watanabe, K. (2013) Contributions of retinal input and phenomenal representation of a fixation object to the saccadic gap effect. *Vision Research*, 82, 52-57.
  12. **Takahashi, K.**, & Watanabe, K. (2012) Short-term memory for event duration: Modality specificity and goal-dependency. *Attention, Perception, & Psychophysics*, 4 (8), 1623-1631.

11. Iwayama, K., Hirata, Y., **Takahashi, K.**, Watanabe, K., Aihara, K. & Suzuki, H. (2012) Characterizing global evolutions of complex systems via intermediate network representations. *Scientific Reports*, 2 (423).
- ※10. **Takahashi, K.**, Fukuda, H., Watanabe, K., & Ueda, K. (2012) Scintillating lustre induced by radial fins. *i-Perception*, 3 (2), 101-103.
9. Kondo, A., **Takahashi, K.**, & Watanabe, K. (2012) Sequential Effects in Face-attractiveness Judgment. *Perception*, 41 (1), 43-49.
8. **Takahashi, K.**, Fukuda, H., Ikeda, H., Doi, H., Watanabe, K., Ueda, K., & Shinohara, K. (2011) Roles of the Upper and Lower Body in Direction Discrimination of Point-light Walkers. *Journal of Vision*, 11 (14), 1-13.
7. **Takahashi, K.**, & Watanabe, K. (2011) Visual and Auditory Influence on Perceptual Stability in Visual Competition. *Seeing and Perceiving*, 24 (6), 545-564.
- ※6. **Takahashi, K.**, Niimi, R., & Watanabe, K. (2010) Illusory motion induced by blurred red-blue edges. *Perception*, 39 (12), 1678-80.
5. **Takahashi, K.**, & Watanabe, K. (2010) Implicit auditory modulation on the temporal characteristics of perceptual alternation in visual competition. *Journal of Vision*, 10 (4), 11, 1-13.
4. **Takahashi, K.**, & Watanabe, K. (2008) Non-persistent effect of prior experience on change blindness: Investigation on naive observers. *Psychologia*, 51 (2), 115-125.
3. **Takahashi, K.**, Saiki, J., & Watanabe, K. (2008) Realignment of temporal simultaneity between vision and touch. *NeuroReport*, 19 (3), 319-322.
2. **Takahashi, K.**, & Watanabe, K. (2008) Persisting effect of prior experience of change blindness. *Perception*, 37 (2), 324-327.
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b. 国際学会・海外学会での発表・講演等

46. Yarimizu, H. & **Takahashi, K.** (2018/7/13-16) Perception of average appearance of multiple faces. The 14th Asia-Pacific Conference on Vision, Hangzhou, China.
45. Fedalga, A., **Takahashi, K.**, Murata, A., & Watanabe, K. (2018/2/1-3 ) Audiovisual

- semantic congruency effect with onomatopoeia. 10th International Conference on Knowledge and Smart Technology (KST2018), Chiangmai, Thailand.
44. Kobayashi, Y. & **Takahashi, K.** (2017/5/19-24) Yagoto Illusion: illusory colorization on a static achromatic grid pattern. VSS 17th Annual Meeting, Florida, USA.
  43. **Takahashi, K.** & Watanabe, K. (2016/8/28-9/1) Visual search asymmetry between photographs and illustrations of animals and man-made objects 39th European Conference on Visual Perception, Barcelona, Spain.
  42. **Takahashi, K.**, Oishi, T., & Shimada, M. (2016/2/17-20) Is (^\_^) Smiling? Cross-cultural Study on Recognition of Emoticon's Emotion 45th Annual Meeting of the Society for Cross-Cultural Research (SCCR 2016), Portland, Oregon, USA.
  41. **Takahashi, K.** & Watanabe, K. (2016/2/3-6) Effects of synchronous motion and spatial alignment on animacy perception 8th International Conference on Knowledge and Smart Technology (KST), Chiangmai, Thailand.
  40. Abe, M., Koike, T., Okazaki, S., Sugawara, S., **Takahashi, K.**, Watanabe, K., & Sadato, N. (2015/10/21) Neural substrates of motor coordination in joint action. Society for Neuroscience, Chicago, IL.
  39. Meilinger, T., **Takahashi, K.**, Foster, C., Watanabe, K., Bülhoff, H.H., & de la Rosa, S. (2015/9/7-11) Spatial orientation as a social cue – the case of objects and avatars 6th International Conference on Spatial Cognition (ICSC 2015), Italy.
  38. Ueda, H., **Takahashi, K.**, Watanabe, K., & Yamaguchi, Y. (2015/8/16-21) Illusory motion perception and eye movements: a study of the cycloid illusion. XVIII. European Conference on Eye Movements (ECEM 2015), Vienna, Austria.
  37. Takao, S., Kondo, A., Ariga, A., **Takahashi, K.**, & Watanabe, K. (2015/7/7-10) Magnifying glass optical illusion occurs for multiple stimuli but not for a single stimulus. The 19th annual meeting of ASSC, Paris, France.
  36. **Takahashi, K.**, Itagaki, T., & Watanabe, K. (2015/6/13-16) Feeling animacy from tactile vibration. 16th International Multisensory Research Forum, Pisa, Italy.
  35. Ikeda, H., **Takahashi, K.**, & Wada, M. (2015/6/13-16) Individual differences in association between spatial direction and color image. 16th International Multisensory Research Forum, Pisa, Italy.
  34. Foster, C., **Takahashi, K.**, Kurek, S., Horeis, C., Bäuerle, M., de la Rosa, S., Watanabe, K., Butz, M.V., & Meilinger, T. (2015/3/8-11) Looking at me? Influence of facing orientation of

avatars and objects on distance estimation. Tagung experimentell arbeitender Psychologen (TeaP), Hildesheim, Germany.

33. **Takahashi, K.** & Watanabe, K. (2015/1/28-31) Effects of image blur on visual perception and affective response. 7th International Conference on Knowledge and Smart Technology (KST), The Tide Resort Hotel, Thailand.
32. Ueda, H., **Takahashi, K.**, Watanabe, K., & Yamaguchi, Y. (2015/1/28-31) Adding information does not necessarily help the motion perception: a study of the curtate cycloid illusion. 7th International Conference on Knowledge and Smart Technology (KST), The Tide Resort Hotel, Thailand.
31. **Takahashi, K.**, & Watanabe, K. (2014/12/9-12) Seeing objects as face modulates visual search performance. Asia-Pacific Signal and Information Processing Association Annual Summit and Conference 2014 (APSIPA ASC): Special Session #3 Cognitive Science and Computational Intelligence, Siem Reap, Cambodia.
30. Kondo, A., **Takahashi, K.**, & Watanabe, K. (2014/9/26-28) Inverted faces do not lead to the gender-category dependency on the sequential judgment. The 2014 meeting of Theory and Methodology in Configural Perception (TMCP), Tainan, Taiwan.
29. **Takahashi, K.**, & Watanabe, K. (2014/8/24-28) Pattern from visual noise motion: animacy versus intention. The 37th European Conference on Visual Perception (ECVP), Belgrade, Serbia.
28. **Takahashi, K.** & Watanabe, K. (2014/8/5) Visual illusion: a crossroads of vision science and entertainment. The Mind Across Cultures, A British Academy Early Careers Networking Event, University of York.
27. Rei-Fedalgo, A., **Takahashi, K.**, & Watanabe, K. (2014/7/5-9) Crossmodal semantic priming of visual sensitivity with onomatopoeia. 9th FENS Forum of Neuroscience (FENS/IBRO Travel Award), Milan, Italy.
26. **Takahashi, K.** & Watanabe, K. (2014/1/30-31) Face is beautiful: aesthetic evaluation of pareidolian faces. Special session on "Recent Advances in Cognitive Science", 6th International Conference on Knowledge and Smart Technology (KST-2014), Burapha University, Thailand.
25. **Takahashi, K.** & Watanabe, K. (2013/8/29-9/1) Gaze cueing by face-like objects. 18th Conference of the European Society for Cognitive Psychology, Budapest, Hungary.
24. Kondo, A., **Takahashi, K.**, & Watanabe, K. (2013/8/25-29) Sequential effects in

- attractiveness judgment for upright and inverted faces. 36th European Conference on Visual Perception, Bremen, Germany.
23. Ueda, H., **Takahashi, K.**, & Watanabe, K. (2013/8/11-16) Gaze of a face fixation stimulus influences the saccadic gap. The 17th European Conference on Eye Movements, Lund, Sweden.
  22. **Takahashi, K.**, & Watanabe, K. (2013/6/3-6) Summation of duration within and across senses. 14th International Multisensory Research Forum, Jerusakem, Israel.
  21. Ueda, H., **Takahashi, K.**, & Watanabe, K. (2013/5/10-15) The gap effect is predominantly determined by the awareness of the fixation disappearance. Vision Science Society 13th Annual meeting, Naples, FL.
  20. **Takahashi, K.**, & Watanabe, K. (2013/1/31-2/1) Short-term Memory for Event Duration: an MEG study. Special session on "Fluency in Communication between Human, Machine, and Environment", 5th International Conference on Knowledge and Smart Technologies (KST-2013), Burapha University, Thailand.
  19. **Takahashi, K.**, Iwayama, K., Kondo, A., Tsubomi, H., Yoshimura, Y., Hirata, Y., Aihara, K., Kikuchi, M., Minabe, Y., & Watanabe, K. (2012/12/5-7) Measuring Cognitive Abilities and Resting-State Neuromagnetic Signals in Children. 5th Biomedical Engineering International Conference (BMEiCON2012), Thailand.
  18. Tsubomi, H., Iwayama, K., **Takahashi, K.**, Kondo, A., Kikuchi, M., Yoshimura, Y., Minabe, Y., Hirata, Y., Aihara, K., & Watanabe, K. (2012/10/13-17) Neural processes of short-term memory for number recall: Nonlinear interdependence analysis of MEG signals. Society for Neuroscience 2012, New Orleans, USA.
  17. Kondo, A., **Takahashi, K.**, & Watanabe, K. (2012/9/2-6) Effect of gender membership on sequential decision of face attractiveness. 35th European Conference on Visual Perception, Alghero, Italy.
  16. **Takahashi, K.**, Yamada, S., Ono, F., & Watanabe, K. (2012/9/2-6) Dynamic desaturation illusion. 35th European Conference on Visual Perception, Alghero, Italy.
  15. Ueda, H., **Takahashi, K.**, & Watanabe, K. (2012/7/2-6) Perceptual, rather than physical, disappearance of a fixation point determines the magnitude of the gap effect. 16th Association for the Scientific Study of Consciousness, University of Sussex, Brighton, UK.
  14. Watanabe, K., Abe, M.O., **Takahashi, K.**, Shimojo, S. (2011/11/12-16) Short-term active interactions enhance implicit behavioral mirroring. Society for Neuroscience 2011,

Washington DC, USA.

13. **Takahashi, K.**, Mitsuhashi, H., Norieda, S., Murata, K., & Watanabe, K. (2011/10/9-12) Feelings of Animacy and Pleasantness from Tactile Stimulation: Effect of Stimulus Frequency and Stimulated Body Part. 2011 IEEE International Conference on Systems, Man, and Cybernetics (IEEE SMC 2011), Anchorage, Alaska.
12. **Takahashi, K.**, Sugawara, S., Tanaka, S., Watanabe, K., & Sadato, N. (2011/7/14-18) Neural substrates for storage of duration information: An fMRI study. 8th IBRO World Congress of Neuroscience, Florence, Italy.
11. **Takahashi, K.**, Niimi, R., & Watanabe, K. (2010/8/22-26) Illusory motion of blurred blue-red edges. 33rd European Conference on Visual Perception, Lausanne, Switzerland.
10. **Takahashi, K.**, Ono, F., & Watanabe, K. (2010/6/16-19) Auditory transient recovers change detection of imperceptible visual stimulus. 11th International Multisensory Research Forum, University of Liverpool, UK.
9. **Takahashi, K.**, Hidaka, S., & Watanabe, K. (2010/3/28-4/1) Decoding subjective simultaneity from neuromagnetic signal. 17th International Conference on Biomagnetism (Biomag 2010), Dubrovnik, Croatia.
8. **Takahashi, K.**, Mitsuhashi, H., Norieda, S., Sendoda, M., Murata, K., & Watanabe, K. (2010/3/2-4) Japanese Onomatopoeias and Sound Symbolic Words in Describing Interpersonal Communication. International Conference on Kansei Engineering and Emotion Research 2010 (KEER2010), Paris.
7. **Takahashi, K.**, & Watanabe, K. (2009/6/29-7/2) Distortion of visual and auditory duration in short term memory 10th International Multisensory Research Forum, The City College of New York, NY.
6. **Takahashi, K.**, & Watanabe, K. (2009/6/5-8) Modality-independent modulation of unpredictable event on visual perceptual stability. 13rd Association for the Scientific Study of Consciousness Annual Meeting, Berlin, Germany.
5. **Takahashi, K.**, & Watanabe, K. (2008/7/16-19) Visual and auditory modulation of perceptual stability of ambiguous visual patterns. 9th International Multisensory Research Forum, Hamburg, Germany.
4. **Takahashi, K.**, & Watanabe, K. (2008/6/19-22) Implicit auditory modulation on visual transition of a bistable motion stimulus. 12th Association for the Scientific Study of Consciousness Annual Meeting, National Taiwan University, Taiwan.

3. **Takahashi, K.**, Saiki, J., & Watanabe, K. (2007/7/5-7) Recalibration of vision-haptics temporal simultaneity. 8th International Multisensory Research Forum, Sydney, Australia.
2. **Takahashi, K.**, & Saiki, J. (2006/6/18-21) Illusory spatial perception induced by the temporal discrepancy between modalities in dynamic vision-haptics integration. 7th International Multisensory Research Forum, Dublin, Ireland.
1. **Takahashi, K.**, Saiki, J. (2005/5/6-11) Combining multi-modal information of a deformation of an object. Vision Sciences Society 5th Annual Meeting, Sarasota, FL.

c. その他の国際的な業績

招待講演等

5. **Takahashi, K.** (2015/6/12) A Quick Tour of Psychological and Visual Illusions. Dept. of Humanities and Social Sciences, University of Sassari, Italy.
4. **Takahashi, K.** (2015/3/4-6) Being a (visual) illusionist: works and a future. International Symposium on Psychological vs Mathematical Approaches to Optical Illusion (Tokyo Symposium on Optical Illusion 2015), Meiji University, Japan.
3. **Takahashi, K.** (2014/3/14) Animacy and design: aesthetics and behavioral effects of pareidolian faces. Department of Industrial Design, National Cheng Kung University.
2. **Takahashi, K.**, & Watanabe, K. (2012/12/9) Short-term memory for event duration. Time and Space in Perception and Action, Special International Seminar for Time Study, Yamaguchi University.
1. Watanabe, K., & **Takahashi, K.** (2007/6/14-15) Cognitive sciences toward universal communication. First International Symposium on Universal Communication, HYATT REGENCY KYOTO, Kyoto, Japan.

国内で行われた国際学会等での発表

16. **Takahashi, K.**, Matsuyoshi, D., & Ujiie, Y. (2017/8/21-25) Psychology of the face: inter-individual, inter-cultural, and inter-disciplinary approach. (Symposium organizer) International Society for Theoretical Psychology 2017, Rikkyo University, Japan.
15. **Takahashi, K.**, Oishi, T., & Shimada, M. (2016/7/30-8/3) Psychological experiment all



over the world: an interdisciplinary collaboration. The 23rd Congress of the International Association for Cross-Cultural Psychology (IACCP2016), WINC Aichi Conference Center, Aichi, Japan.

14. **Takahashi, K.** & Watanabe, K. (2014/7/24) Motion standstill by flicker: a novel illusion RIEC International Symposium on Perception and Communication, Tohoku University, Sendai, Japan.
13. **Takahashi, K.**, & Watanabe, K. (2014/7/19-22) Seeing objects as face enhances object detection. The 10th Asia-Pacific Conference on Vision (APCV 2014), Takamatsu, Japan.
12. Ueda, H., **Takahashi, K.**, & Watanabe, K. (2014/7/19-22) Interference of manual reactions by concurrent saccades. The 10th Asia-Pacific Conference on Vision (APCV 2014), Takamatsu, Japan.
11. Iwayama, K., Hirata, Y., Kondo, A., Tsubomi, H., **Takahashi, K.**, Yoshimura, Y., Ueno, S., Kikuchi, M., Minabe, Y., Watanabe, K., Suzuki, H., & Aihara, K. (2013/7/3-7) Temporal dynamics of functional networks from multivariate electrophysiological time series. The 35th Annual international conference of the IEEE engineering medicine and biology society (EMBC13), Osaka, Japan.
10. **Takahashi, K.** & Watanabe, K. (2011/10/17-20) Implicit and explicit auditory modulation on vision. Symposium on "Audiovisual interaction: How early does it occur?" at 12th International Multisensory Research Forum, Fukuoka, Japan.
9. **Takahashi, K.**, & Watanabe, K. (2011/10/17-20) Multi-modal inference in animacy perception for artificial object. 12th International Multisensory Research Forum, Fukuoka, Japan.
8. **Takahashi, K.**, Mitsuhashi, H., Murata, K., Norieda, S., & Watanabe, K. (2011/9/19-22) Improving Shared Experiences by Haptic Telecommunication. 2011 International Conference on Biometrics and Kansei Engineering (ICBAKE2011), Takamatsu City, Kagawa, Japan.
7. Kondo, A., **Takahashi, K.**, & Watanabe, K. (2011/6/9-12) Sequential effects in attractiveness judgment for faces. 15th Association for the Scientific Study of Consciousness Annual Meeting, Kyoto University, Japan.
6. **Takahashi, K.**, & Watanabe, K. (2011/6/9-12) Differential factors for time retrospection and time production. 15th Association for the Scientific Study of Consciousness Annual Meeting, Kyoto University, Japan.

5. Ueda, H., Kondo, A., **Takahashi, K.**, & Watanabe, K. (2011/6/9-12) Implicit modulation of visual detection of facial expression. 15th Association for the Scientific Study of Consciousness Annual Meeting, Kyoto University, Japan.
4. Kondo, A., Tsubomi, H., **Takahashi, K.**, Ono, F., Watanabe, K. (2010/2/22-23) Neuromagnetic activity reflecting brightness in the human visual cortex. The Third International Workshop on Kansei, Fukuoka, Japan.
3. Ono, F., **Takahashi, K.**, Kondo, A., Watanabe, K. (2010/2/22-23) Neuromagnetic responses related to endogenous metrical interpretation. The Third International Workshop on Kansei, Fukuoka, Japan.
2. Iwayama, K., **Takahashi, K.**, Watanabe, K., Hirata, Y., Suzuki, H., Aihara, K. (2010/2/2-4) Synchronized brain activity changes related to perceptual alternations. International Symposium on Artificial Life and Robotics (15th AROB), Oita, Japan.
1. **Takahashi, K.** & Watanabe, K. (2009/4/25) Visual and auditory duration distorted in short term memory. Mini RIEC Workshop on Multimodal Perception, Sendai, Japan.

#### 海外研究室での講演

- University of Helsinki (Finland, 2019/11)
- Milano Bicocca University (Italy, 2019/11)
- Tronto University (Canada, 2019/2)
- University of Nevada, Reno (USA, 2018/11)
- Grenoble Alpes University (France, 2018/3)
- Max Planck Institute for Biological Cybernetics (Germany, 2009/6)

#### 国際論文誌の査読

- IEICE TRANSACTIONS on Communications
- Psychologia
- Journal of Vision
- PLOS ONE
- R Journal
- Neuroscience Letters

- IEICE TRANSACTIONS on Information and Systems
- American Journal of Human Biology
- Frontiers in Integrative Neuroscience
- Experimental Brain Research
- Journal of Autism and Developmental Disorders
- Neuropsychologia
- Perception
- i-Perception
- Advances in Cognitive Psychology
- The Journal of General Psychology
- Frontiers in Psychology
- Japanese Psychological Research
- Neurodegenerative Disease Management
- Scientific Reports

以上