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Education

Apr 1997 – Mar 1999	**M.A. in Experimental Psychology**
Apr 1999 – July 2002	**Ph.D. in Experimental Psychology** Kyoto University, Japan Thesis: "The Role of Working Memory in High-Level Cognitive Functions" Advisor: Prof. Naoyuki Osaka

Academic Career

Apr 2017 – Present	**Professor** School of Psychology, Chukyo University, Japan
Apr 2017 – Mar 2021	**Visiting Researcher** NTT Communication Science Laboratories, NTT Corporation, Japan
June 2016 – Mar 2017	**Collaborative Researcher** National Institute for Physiological Sciences, National Institutes of Natural Sciences, Japan
Apr 2014 – Mar 2016	**Visiting Scholar** United Graduate School of Child Development, Osaka University, Japan
Apr 2003 – Mar 2017	**Research Scientist** NTT Communication Science laboratories, NTT Corporation, Japan
Apr 2002 – Mar 2003	**Postdoctoral Fellow** Department of Psychology, Graduate School of Letters, Kyoto University, Japan
Jan 2000 – Mar 2002	**Research Fellow** Japan Society for the Promotion of Science (JSPS)

Research Interest

- Interdisciplinary areas of experimental psychology and cognitive neuroscience

- Perceptual organization, sustained attention, working memory, and interactions between perception and emotion (e.g., Autonomous Sensory Meridian Response)

- Combination of cutting-edge techniques, such as psychophysics, functional magnetic resonance imaging (fMRI), magnetic resonance spectroscopy (MRS), and genotyping analyses

Grants

2022 – 2023	**Research grant** (KEYCOM Corp.), Co-PI (Principal Investigator) (PI: Shinji Uebayashi)
2022 – 2025	**JSPS KAKENHI grant** (no. 22K18659), “Probing Well-Being through Autonomous Sensory Meridian Response”, PI.
2022 – 2024	**European Commission Horizon 2020 Marie Skłodowska-Curie Actions (MSCA) Individual Fellowships** (no. 101032112), “The Neural Dynamics of Perceptual Priors in Audition", Fellow: Ho Hao Tam, Supervisors: Daniel Pressnitzer and Hirohito M. Kondo
2021 – 2023	**Research grant** (NTT Corp.), PI.
2020 – 2024	**JSPS KAKENHI grant** (no. 20H01789), “Integrative Understanding of Neural Mechanisms of Perceptual and Attentional Fluctuations”, PI.
2017 – 2018	**Research grant** (Asahi Group Holdings, Ltd.), PI.
2017 – 2018	**Donated grant** (CinemaRay Co., Ltd.), PIs: Kohske Takahashi and Hirohito M. Kondo.
2017 – 2018	**Research grant** (Chukyo University), “Individual Differences in Perceptual Organization”, PI.
2017 – 2020	**JSPS KAKENHI grant** (no. 17K04494), “Models of Attention Based on Neurometabolite Levels”, Co-PI (PI: Ken Kihara).
2016 – 2017	**JSPS Bilateral Programs**, “Theoretical and Experimental Approaches Towards Auditory Scene Analysis”, PIs: Hirohito M. Kondo and Daniel Pressnitzer.
2009 – 2014	**JST CREST grant**, Co-PI (PI: Makio Kashino).
2007 – 2009	**JSPS KAKENHI grant** (no. 19203032), Co-PI (PI: Naoyuki Osaka).
2003 – 2004	**Research grant** (NTT Communication Science Laboratories), “Attentional Control and Working Memory”, PI.
2000 – 2002	**Grant-in-Aid for JSPS Fellows** (no. 00J03371), PI.

Fellowships and Awards

May 2021	**NIH/NIDCR Building Bridges Award**, Association for Psychological Science Virtual Convention
June 2010	**Excellent Presentation Award**, International College of Neuropsychopharmacology
Dec 2008	**Best Presentation Award**, Japanese Psychonomic Society
Dec 2000	**Best Presentation Award**, Japanese Psychonomic Society
Oct 1999	**Best Presentation Award**, Japanese Psychonomic Society
1999	**The Japanese Ministry of Education Graduate Fellowship**
1992 – 1997	**The Japanese Ministry of Education Undergraduate Fellowship**

Bibliometrics

Google Scholar (as of August 2022)

Sum of Total Cited:	2,024
h-index:	18
i10-index:	26
Average Citation per Article:	45.0

Publications

Preprints

5. Poerio, G., Tada, K., & Kondo, H. M. (2022). Similar but different: High prevalence of synesthesia in Autonomous Sensory Meridian Response (ASMR). **Research Square**. DOI: 10.21203/rs.3.rs-1414172/v1
4. Tada, K., Ezaki, T. & Kondo, H. M. (2021). The autonomous sensory meridian response activates the parasympathetic nervous system. **Research Square**. DOI: 10.21203/rs.3.rs-1026254/v1
3. Hasegawa, R., Tada, K., Yonemitsu, F., Ikeda, A., Yamada, Y., Takahashi, K., & Kondo, H. M. (2021). Current empirical research pre-registration and its practices: a tutorial on Open Science Framework (in Japanese)**. PsyArXiv**. DOI: 10.31234/osf.io/kvgyc
2. Koumura, T., Nakatani, M., Liao, H.-I., & Kondo, H. M. (2019). Deep, soft, and dark sounds induce autonomous sensory meridian response. **bioRxiv**. DOI: 10.1101/2019.12.28.889907
1. Honda, S., Ishikawa, Y., Konno, R., Imai, E., Nomiyama, N., Sakurada, K., Koumura, T., Kondo, H., Furukawa, S., Fujii, S., Nakatani, M. (2019). Proximal binaural sound can induce subjective frisson. **arXiv:1904.06851**

Articles in Refereed Journals

*Asterisks indicate invited articles.

46. Poerio, G., Tada, K., & Kondo, H. M. (under revision). Similar but different: High prevalence of synesthesia in Autonomous Sensory Meridian Response (ASMR).

45. Ueda, M., Tada, K., Hasegawa, R., & Kondo, H. M. (in press). Functional separability of sensory-processing sensitivity and interoception (in Japanese). **Japanese Journal of Psychology**

44. Tada, K., Hasegawa, R., & Kondo, H. M. (2022). Sensitivity to everyday sounds: ASMR, misophonia, and autistic traits (in Japanese). **Japanese Journal of Psychology**, 93, 263-269.

*43. Kondo, H. M., Terashima, H., Ezaki, T., Kochiyama, T., Kihara, K., & Kawahara, J. I. (2022). Dynamic transitions between brain states predict auditory attentional fluctuations. **Frontiers in Neuroscience**, 16, 816735. Research Topic: Auditory Perception and Phantom Perception in Brains, Minds and Machines

42. Hasegawa, R., Tada, K., Yonemitsu, F., Ikeda, A., Yamada, Y., Takahashi, K., & Kondo, H. M. (2021). Current empirical research pre-registration and its practices: a tutorial on Open Science Framework (in Japanese). **Japanese Journal of Psychology**, 92, 188-196.

41. Koumura, T., Nakatani, M., Liao, H.-I., & Kondo, H. M. (2021). Deep, soft and dark sounds induce autonomous sensory meridian response. **Quarterly Journal of Experimental Psychology**, 74, 1140-1152.

40. Terashima, H., Kihara, K., Kawahara, J. I., & Kondo, H. M. (2021). Common principles underlie the fluctuation of auditory and visual sustained attention. **Quarterly Journal of Experimental Psychology**, 74, 705-715.

39. Kondo, H. M., & Lin, I-F. (2020). Excitation-inhibition balance and auditory multistable perception are correlated with autistic traits and schizotypy in a non-clinical population. **Scientific Reports**, 10, 8171.

38. Honda, S., Ishikawa, Y., Konno, R., Imai, E., Nomiyama, N., Sakurada, K., Koumura, T., Kondo, H. M., Furukawa, S., Fujii, S., & Nakatani, M. (2020). Proximal binaural sound can induce subjective frisson. **Frontiers in Psychology**, 11, 316.

*37. Kondo, H. M. & Kochiyama, T. (2018). Normal aging slows spontaneous switching in auditory and visual bistability. **Neuroscience**, 389, 152-160. Special Issue: Sensory Sequence Processing in the Brain

36. Kondo, H. M., Pressnitzer, D., Shimada, Y., Kochiyama, T., & Kashino, M. (2018). Inhibition-excitation balance in the parietal cortex modulates volitional control for auditory and visual multistability. **Scientific Reports**, 8, 14548.

35 Koizumi, A., Lau, H., Shimada, Y., & Kondo, H. M. (2018). The effects of neurochemical balance in the anterior cingulate cortex and dorsolateral prefrontal cortex on volitional control under irrelevant distraction. **Consciousness and Cognition**, 59, 104-111.

*34. Takeuchi, T., Yoshimoto, S., Shimada, Y., Kochiyama, T., & Kondo, H. M. (2017). Individual differences in visual scene analysis by motion and associated neurotransmitter concentrations in the brain.

Philosophical Transactions of the Royal Society B: Biological Sciences, 372, 20160111.

*33. Kondo, H. M., Farkas, D., Denham, S. L., Asai, T., & Winkler, I. (2017). Auditory multistability: idiosyncratic perceptual switching patterns and neurotransmitter concentrations in the brain. **Philosophical Transactions of the Royal Society B: Biological Sciences**, 372, 20160110.

*32. Kondo, H. M., van Loon, A., Kawahara, J. I., & Moore, B. C. J. (2017). Auditory and visual scene analysis: an overview. **Philosophical Transactions of the Royal Society B: Biological Sciences**, 372, 20160099. Theme: Auditory and Visual Scene Analysis

31. Kihara, K., Kondo, H. M., & Kawahara, J. I. (2016). Differential contributions of GABA concentration in frontal and parietal regions to individual differences in attentional blink. **Journal of Neuroscience**, 36, 8895-8901.

30. Farkas, D., Denham, S. L., Bendixen, A., Tóth, D., Kondo, H. M., & Winkler, I. (2016). Auditory multistability: idiosyncratic perceptual switching patterns, executive functions and personality traits. **PLOS ONE**, 11, e0154810.

*29. Yoshimoto, S., Takeuchi, T., Shimada, Y., Kochiyama, T., & Kondo, H. M. (2015). Neurotransmitter concentrations in the brain and visual motion assimilation/contrast. **Japanese Journal of Psychonomic Science**, 34, 201-202.

28. Kihara, K., Takeuchi, T., Yoshimoto, S., Kondo, H. M., & Kawahara, J. I. (2015). Pupillometric evidence for the locus coeruleus-noradrenaline system facilitates attentional processing of action-triggered visual stimuli. **Frontiers in Psychology**, 6, 827. Research Topic: Perception, Action, and Cognition

27. Kondo, H. M., Nomura, M. & Kashino, M. (2015). Different roles of the COMT and HTR2A genotypes in working memory subprocesses. **PLOS ONE**, 10, e0126511.

*26. Kondo, H. M., Toshima, I., Pressnizer, D., & Kashino, M. (2014). Probing the time course of head-motion cues integration during auditory scene analysis. **Frontiers in Neuroscience**, 8, 170. Research Topic: Probing Auditory Scene Analysis

*25. Toshima, I., Aoki, S., Kondo, H. M., Kashino, M., & Hirahara, T. (2013). Usefulness of acoustical telepresence robot for auditory psychophysics (in Japanese). **Journal of the Robotics Society of Japan**, 31, 788-796.

24. Koizumi, A., Kitagawa, N., Kondo, H. M., Kitamura, M. S., Sato, T., & Kashino, M. (2013). Serotonin transporter gene-linked polymorphism affects detection of facial expressions. **PLOS ONE**, 8, e59074.

23. Kondo, H. M., Kitagawa, N., Kitamura, M. S., Koizumi, A., Nomura, M., & Kashino, M. (2012). The separability and commonality of auditory and visual bistable perception. **Cerebral Cortex**, 22, 1915-1922.

22. Kondo, H. M., Pressnizer, D., Toshima, I., & Kashino, M. (2012). The effects of self-motion on auditory scene analysis. **Proceedings of the National Academy of Sciences of the United States of America**, 109, 6775-6780.

*21. Kashino, M., & Kondo, H. M. (2012). Functional brain networks underlying perceptual switching:

auditory streaming and verbal transformations. **Philosophical Transactions of the Royal Society B: Biological Sciences**, 367, 977-987. Theme: Multistability in Perception: Binding Sensory Modalities

20. Koizumi, A. Kitagawa, N., Kitamura, M. S., Kondo, H. M., Sato, T. & Kashino, M. (2010). Serotonin transporter gene and inhibition of conflicting emotional information. **NeuroReport**, 21, 422-426.

19. Kondo, H. M., & Kashino, M. (2009). Involvement of the thalamocortical loop in the spontaneous switching of percepts in auditory streaming. **Journal of Neuroscience**, 29, 12695-12701.

*18. Tsubomi, H., Kondo, H. M., & Watanabe, K. (2008). Common capacity limit for visual short-term memory with and without delay interval. **Japanese Journal of Psychonomic Science**, 27, 119-120.

*17. Kondo, H. M. (2008). Neural correlates of the formation of auditory percepts (in Japanese). **Japanese Journal of Psychonomic Science**, 27, 75-79.

16. Kondo, H. M., & Kashino, M. (2007). Neural mechanisms of auditory awareness underlying perceptual changes. **NeuroImage**, 36, 123-130.

15. Morishita, M., Kondo, H., Ashida, K., Otsuka, Y., & Osaka, N. (2007). Predictive power of working memory task for reading comprehension: an investigation using reading span test (in Japanese). **Japanese Journal of Psychology**, 77, 495-503.

14. Otsuka, Y., Osaka, N., Morishita, M., Kondo, H., & Osaka, M. (2006). Decreased activation of anterior cingulate cortex in the working memory of the elderly. **NeuroReport**, 17, 1479-1482.

13. Kondo, H., Osaka, N., & Osaka, M. (2004). Cooperation of the anterior cingulate cortex and dorsolateral prefrontal cortex for attention shifting. **NeuroImage**, 23, 670-679.

12. Osaka, N., Osaka, M., Morishita, M., Kondo, H., & Fukuyama, H. (2004). A word expressing affective pain activates anterior cingulate cortex in the human brain: an fMRI study. **Behavioural Brain Research**, 153, 123-127.

11. Kondo, H., & Osaka, N. (2004). Susceptibility of spatial and verbal working memory to demands of the central executive. **Japanese Psychological Research**, 46, 86-97.

10. Osaka, N., Osaka, M., Kondo, H., Morishita, M., Fukuyama, H., & Shibasaki, H. (2004). The neural basis of executive function in working memory: an fMRI study based on individual differences. **NeuroImage**, 21, 623-631.

9. Kondo, H., Morishita, M., Osaka, N., Osaka, M., Fukuyama, H., & Shibasaki, H. (2004). Functional roles of the cingulo-frontal network in performance on working memory. **NeuroImage**, 21, 2-14.

8. Otsuka, Y., Morishita, M., Kondo, H., & Osaka, N. (2003). Relationship between reading comprehension and inhibitory mechanism in working memory (in Japanese). **Japanese Journal of Psychonomic Science**, 21, 131-136.

7. Osaka, N., Osaka, M., Kondo, H., Morishita, M., Fukuyama, H., & Shibasaki, H. (2003). An emotion-based facial expression word activates laughter module in the human brain: a functional magnetic resonance imaging study. **Neuroscience Letters**, 340, 127-130.

6. Osaka, M., Osaka, N., Kondo, H., Morishita, M., Fukuyama, H., Aso, T., & Shibasaki, H. (2003). The

neural basis of individual differences in working memory capacity: an fMRI study. **NeuroImage**, 18, 789-797.

5. Kondo, H., Morishita, M., Ashida, K., Otsuka, Y., & Osaka, N. (2003). Reading comprehension and working memory: structural equation modeling approach (in Japanese). **Japanese Journal of Psychology**, 73, 480-487.

*4. Kondo, H. & Osaka, N. (2000). Testing the resource sharing model of working memory (in Japanese). **Japanese Journal of Psychonomic Science**, 19, 27-28.

3. Kondo, H. & Osaka, N. (2000). Effect of concreteness of target words on verbal working memory: an evaluation using Japanese version of reading span test (in Japanese). **Japanese Journal of Psychology**, 71, 51-56.

2. Kondo, H., Morishita, M., & Osaka, N. (2000). Verbal working memory and reading span test (in Japanese). **Japanese Psychological Review**, 42, 506-523.

*1. Kondo, H. & Osaka, N. (1999). Interaction between spatial and verbal working memory (in Japanese). **Japanese Journal of Psychonomic Science**, 18, 89-90.

Book Section

1. Kashino, M., Okada, M., Mizutani, S., Davis, P., & Kondo, H.M. (2007) The dynamics of auditory streaming: psychophysics, neuroimaging, and modeling. In: Kollmeier, B., Klump, G., Hohmann, V, Langemann, U, Mauermann, M, Uppenkamp, S, Verhey, J. (Eds.), **Hearing - From Sensory Processing to Perception** (pp.275-283). Berlin: Springer.

Conference Presentations (international only)

Talks and Posters

*Asterisks indicate invited talks.

*32. Wu, Y.-L., Kondo, H. M., & Lin I-F. (Dec 2021). Sounds and emotion: the relationship between ASMR and misophonia among Taiwanese. **Paper Presented at the 3rd Japan-Taiwan Symposium on Psychological and Physiological Acoustics**. Invitation by Dr. Hiroko Terasawa

31. Kondo, H. M., Tada, K., & Ezaki, T. (May 2021). The autonomous sensory meridian response activates the parasympathetic nervous system. **Poster Presented at the 2021 Association for Psychological Science Virtual Convention**. NIH/NIDCR Building Bridges Award

30. Terashima, K., Kihara, K., Kawahara, J. I., & Kondo, H. M. (January 2020). Auditory sustained attention fluctuates similarly to visual sustained attention. **Poster Presented at the 43rd Association for Research in Otolaryngology MidWinter Meeting**, San Jose, CA, USA.

*29. Kondo, H. M., Pressnitzer, D., Toshima, I., & Kashino, M. (November 2016). Effects of source- and head-motion on auditory perceptual organization. **The 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan**, Honolulu, HI, USA. Invitation by Dr. Griffin D. Romigh &

Dr. Douglas S Brungart

*28. Kondo, H. M. (June 2016). Neural mechanisms of auditory and visual scene analysis. **CNRS-NTT Joint Seminar 2016**, Fontainebleau, France. Invitation by Dr. Daniel Pressnitzer

27. Takeuchi, T., Yoshimoto, S., Shimada, Y., Kochiyama, T., & Kondo, H. M. (October 2015). Individual differences in visual motion perception and the associated excitatory and inhibitory neurotransmitter concentrations in the brain. **Poster Presented at the Optical Society of America's Fall Vision Meeting 2015**, San Jose, CA, USA.

*26. Kondo, H. M. (June 2015). Sensory-perceptual transformations for auditory scene analysis. **Paper Presented at the 9th International Conference on Complex Medical Engineering**, Okayama, Japan. Invitation by Dr. Koji Abe

25. Kihara, K., Takeuchi, T., Yoshimoto, S., Kondo, H. M., & Kawahara, J. I. (May 2014). The locus coeruleus-noradrenaline system facilitates attentional processing of action-triggered visual stimuli. **Poster Presented at Vision Sciences Society Meeting 2014**, St. Pete Beach, FL, USA.

24. Kondo, H. M., Pressnitzer, D., Toshima, I., & Kashino, M. (December 2013). Effects of sound motion and head motion on the resetting of auditory streaming. **Poster Presented at the 2nd Meeting of UCL-NTT Collaboration "Deep Brain Communication" Project**, Atsugi, Japan.

*23. Toshima, I., Kondo, H. M., Pressnitzer, D. & Kashino, M. (March 2013). Evaluating the effect of head motion on auditory streaming using an acoustical telepresence robot: TeleHead. **Poster Presented at Final Symposium on JST-ANR Binaural Active Audition for Humanoid Robots**, Kyoto, Japan

*22. Kondo, H. M., Pressnitzer, D., Toshima, I., & Kashino, M. (May 2012). Effect of source-motion and self-motion on the resetting of auditory scene analysis. **Paper Presented at Acoustics 2012**, Hong Kong, China. Invitation by Dr. Mounya Elhilali

*21. Kondo, H. M. (Nov 2011). Sensory-perceptual transformations for auditory scene analysis. **Paper Presented at NTT-ENS Workshop 2011**, Paris, France. Invitation by Dr. Alain de Cheveigné

20. Koizumi, A., Kitagawa, N., Suzuki, M. K., Kondo, H. M., Sato, T. & Kashino, M. (July 2011). The serotonin transporter gene and gender affect detection of facial expression. **Poster Presented at the International Society for Research on Emotion 2011 Conference**, Kyoto, Japan.

19. Kondo, H. M., Kitagawa, N., Kitamura, M. S., Koizumi, A., Nomura, M., & Kashino, M. (June 2011). Separability and commonality of auditory and visual bistable perception. **Poster Presented at the 15th Association for the Scientific Study of Consciousness**, Kyoto, Japan.

18. Nomura, M., Kondo, H. M., & Kashino, M. (June 2010). Impulsive-related human prefrontal brain activation during Go/No-go task is modulated by COMT Val158Met polymorphism: an fMRI study. **Paper presented at the International College of Neuropsychopharmacology 2010**, Hong Kong, China. JSNP Excellent Presentation Award

17. Kashino, M., Kondo, H.M., Kitagawa, N., Kitamura, M. S., & Nomura, M. (February 2010). The effects of the catechol-O-methyltransferase (COMT) Val^{158}Met polymorphism on auditory and visual bistable perception. **Paper Presented at the 33rd Association for Research in Otolaryngology**, Anaheim, CA,

USA.

16. Koizumi, A., Kitagawa, N., Suzuki, M. K., Kondo, H. M., & Kashino, M. (August 2009). The serotonin transporter polymorphism (5HTTLPR) affects behavioral performance of an emotional face-word Stroop task. **Poster Presented at the International Society for Research on Emotion 2009 Conference**, Leuven, Belgium.

15. Kitagawa, N., Suzuki, M. K., Kondo, H. M., Nomura, M., & Kashino, M. (August 2008). Perceptual transitions in bistable perception occur correlatively between vision and hearing. **Poster Presented at the 31st European Conference of Visual Perception**, Utrecht, Netherlands.

14. Kashino, M., Kondo, H. M., & Okada, M. (June 2008). Perceptual dynamics of auditory streaming and its neural correlates. **Paper Presented at Acoustics 2008**, Paris. Lay Language Paper

13. Tsubomi, H., Kondo, H. M., & Watanabe, K. (May 2008). Common capacity limit for visual perception and working memory. **Poster Presented at Vision Sciences Society Meeting 2008**, Naples, FL, USA.

12. Nomura, M., Kondo, H. M., & Kashino, M. (August 2007). 5-HT2A receptor gene polymorphism can explain ventrolateral prefrontal cortex activation to monetary during Go/no-go task. **Poster Presented at the 30th European Conference of Visual Perception**, Arezzo, Italy.

11. Kashino, M., Okada, M., Mizutani, S., Davis, P., & Kondo, H. M. (August 2006). The dynamics of auditory streaming: psychophysics, neuroimaging, and modeling. **Paper Presented at the International Symposium on Hearing 2006**, Kloppenburg, Germany.

10. Nomura, M., Kondo, H. M., & Kashino, M. (June 2006). 5-HT2A receptor gene polymorphism modulates activation in the human ventrolateral frontal lobe during Go/No-go task. **Poster Presented at the 12th Human Brain Mapping**, Florence, Italy**.**

9. Kondo, H., & Kashino, M. (February 2005). Distributed brain activation involved in the changes of auditory perceptual organization: an fMRI study on the verbal transformation illusion. **Poster Presented at the 28th Association for Research in Otolaryngology**, New Orleans, LA, USA.

8. Otsuka, Y., Kondo, H., Morishita, M., & Osaka, N. (August 2004). Aging effect on the neural basis of controlled attention in working memory. **Poster Presented at the 2nd International Conference on Working Memory**, Kyoto, Japan.

7. Kondo, H., Morishita, M., Osaka, N., Osaka, M., Fukuyama, H., & Shibasaki, H. (August 2004). The modulation of the cingulo-prefrontal network for verbal and visuospatial working memory: an fMRI study. **Poster Presented at the 2nd International Conference on Working Memory**, Kyoto, Japan.

6. Osaka, N., Osaka, M., Kondo, H., Morishita, M., Fukuyama, H., & Shibasaki, H. (November 2003). Neural basis of executive function in working memory: an individual difference in reading span. **Poster Presented at the 33rd Annual Meeting of the Society for Neuroscience**, New Orleans, LA, USA

5. Kondo, H. (October 2003). Cingulo-prefrontal network and working memory. **Paper Presented at NTT-UCL Joint Workshop on Human Information Processing 2003**, Kyoto, Japan.

4. Osaka, N., Kondo, H., Morishita, M., Osaka, M., Fukuyama, H., Aso, T., & Shibasaki, H. (July 2003).

Executive function based an ACC-PFC network in working memory: an individual difference-based fMRI study. **Poster Presented at the 6th IBRO World Congress of Neuroscience**, Prague, Czech.

3. Kondo, H., & Osaka, N. (September 2002). Sensitivity of visual and spatial working memory to demands of central executive. **Poster Presented at the 1st European Working Memory Symposium**, Ghent, Belgium.

2. Kondo, H., & Osaka, N. (July 2001). Selective interference between visual and spatial working memory. **Poster Presented at the 3rd International Conference on Memory**, Valencia, Spain.

1. Osaka, N., Kondo, H., & Morishita, M. (April 1998) Blindsight in transparent motion perception. **Paper Presented at Toward a Science of Consciousness 1998 "Tucson III"**, Tucson, AZ, USA.

Professional Activities

Organizing Seminar

June 14-16, 2016	**CNRS-NTT Joint Seminar**, "Theoretical and Experimental Approaches Towards Auditory Scene Analysis" (together with Daniel Pressnitzer), Fontainebleau, France

Service to the Scientific Community

Aug 2022 – Present	**Associate Editor**, *Frontiers in Neuroscience*
Aug 2022 – Present	**Associate Editor**, *Frontiers in Psychology*
Oct 2021 – Present	**Guest Editor** of a Collection of "Time Perception", *Scientific Reports*
Nov 2020 – Present	**Executive Board Member**, Japanese Psychonomic Society
May 2019 – Present	**Editorial Board Member**, *Scientific Reports*
Dec 2021 – Aug 2022	**Editorial Board Member**, *Frontiers in Neuroscience*
Dec 2021 – Aug 2022	**Editorial Board Member**, *Frontiers in Psychology*
Feb 2016 – Feb 2017	**Lead Guest Editor** of the Special Issue on "Auditory and Visual Scene Analysis", *Philosophical Transactions of the Royal Society B: Biological Sciences*

Service to the University

Apr 2021 – Present	**Head** of the Division of Experimental Psychology, Chukyo University
July 2020 – Present	**Member** of the Scientific Advisory Board of Chukyo University
Apr 2018 – Present	**Vice-Chair** of the Research Ethics Committee of School of Psychology, Chukyo University

Service to the Social Community

Mar 2021 – Present **Member** of Japanese Association for the Advancement of Science (JAAS)

Journal Reviewer

Acoustical Science and Technology; Brain Imaging and Behavior; Brain Research; Cerebral Cortex; Cognitive Neurodynamics; Cortex; Current Medical Imaging Reviews; European Journal of Neuroscience; Frontiers in Auditory Cognitive Neuroscience; Frontiers in Consciousness Research; Frontiers in Psychiatry; Frontiers in Systems Neuroscience; Hearing Research; International Journal of Neuropsychopharmacology; International Journal of Psychology; IEEE Transactions on Biomedical Engineering; Japanese Psychological Research; Journal of Cognitive Neuroscience; Journal of Neuroscience Methods; Journal of Vision; NeuroImage; Neuroscience; Neuroscience of Consciousness; Philosophical Transactions of the Royal Society B; PLOS ONE; Psychophysiology; Schizophrenia Research; Scientific Reports; The Open Neuroimaging Journal

Grant Reviewer

German-Israeli Project Cooperation (DIP), Israel

Grant-in-Aid for Scientific Research (KAKENHI), JSPS, Japan

Membership in Scientific Societies

Association for Psychological Science

Japan Neuroscience Society

Japanese Psychological Association

Japanese Psychonomic Society

Society for Neuroscience