

Curriculum Vitae of Shinsuke Shimojo

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Education:

	Degree	Year	Field of Study
University of Tokyo	B.A.	1978	
University of Tokyo	M.A.	1980	Experimental Psychology
Massachusetts Institute of Technology	Ph.D.	1985	Experimental Psychology

Professional Experience:

1981-1982 Visiting Scholar, Department of Psychology,
Massachusetts Institute of Technology, Cambridge, MA.
1982-1983 Research Affiliate, Department of Psychology,
Massachusetts Institute of Technology, Cambridge, MA.
1983-1985 Teaching Assistant, Department of Psychology,
Massachusetts Institute of Technology, Cambridge, MA.
1986-1987 Postdoctoral Fellow, Department of Ophthalmology,
Nagoya University, Nagoya, Japan.
1986-1989 Postdoctoral Fellow
Smith-Kettlewell Eye Research Institute, San Francisco, CA.
1989-1997 Associate Professor, Department of Psychology / Department of Life Sciences
(Psychology), Graduate School of Arts & Sciences, University of Tokyo,
Tokyo, Japan.
1989-1993 Fellow, Department of Psychology,
Harvard University, Cambridge, MA.

Professional Experience (con't.):

1993-1994	Visiting Scientist, Dept. of Brain and Cognitive Sciences, Massachusetts Institute of Technology, Cambridge, MA.
1997-1998	Associate Professor, Division of Biology / Computation & Neural Systems, California Institute of Technology, Pasadena, CA.
1998-2010.	Professor, Division of Biology / Computation & Neural Systems, California Institute of Technology, Pasadena, CA.
2010-present	Inaugural Gertrude Baltimore Professor of Experimental Psychology, Division of Biology & Biological Engineering / Computation & Neural Systems, California Institute of Technology, Pasadena, CA.
Currently (2016)	Specially-appointed Professor at Kyoto University KOKORO center; at Division of Cognitive Neuroscience Robotics, Graduate School of Engineering, Osaka University; and at Tohoku University Brain Science Center. Visiting professor at Tamagawa Univeristy Brain Science Institute.

I. Publications - Articles in Scientific Journals with Peer Review

1. Shimojo, S. A study of inverted and reversed vision experiments. *Japanese Psychological Review*, 21, 315-339, 1978. (In Japanese with English abstract)
2. Nakajima, Y., Shimojo, S. and Sugita, Y. On the perception of two successive sound bursts. *Psychological Research*, 41, 335-344, 1980.
3. Shimojo, S. and Nakajima, Y. Adaptation to the reversal of binocular depth cues: Effects of wearing left-right reversing spectacles on stereoscopic depth perception. *Perception*, 10, 391-402, 1981.
4. Shimojo, S. On mental rotation experiments - a methodological study on imagery researches. *Japanese Psychological Review*, 24, (1), 16-42, 1981. (In Japanese with English abstract)
5. Shimojo, S. and Held, R. Development of visual acuities in infants. *Japanese Journal of Psychonomic Science* 2, 55-67, 1983. (In Japanese with English abstract)
6. Shimojo, S, Birch, E. E., Gwiazda, J. and Held, R. Development of vernier acuity in infants. *Vision Research*, 24, 721-728, 1984.
7. Birch, E. E., Shimojo, S. and Held, R. Preferential looking assessment of fusion and stereopsis in infants aged 1 to 6 months. *Investigative Ophthalmology & Visual Sciences*, 26, 366-370, 1985.
8. Shimojo, S., Bauer, J., O'Connell, K. M. and Held, R. Pre-stereoptic binocular vision in infants. *Vision Research*, 26, 501-510, 1986.
9. Thorn, F., Gwiazda, J. and Shimojo, S. Congenital myopic esotropia: a case study. *American Journal of Optometry & Physiological Optics*, 63, 80-83, 1986.
10. Shimojo, S. and Richards W. "Seeing" shapes that are almost totally occluded: A new look at Parks' camel. *Perception & Psychophysics*, 39, 418-426, 1986.
11. Shimojo, S. and Held R. Vernier acuity is less than grating acuity in 2- and 3-month-olds. *Vision Research*, 27, 77-86, 1987.
12. Parsons, L. M. and Shimojo, S. Perceived spatial organization of cutaneous patterns on surfaces of the human body in various positions. *Journal of Experimental Psychology: Human Perception & Performance*, 13, 488-504, 1987.

13. Shimojo, S. Body-scheme and genetic mechanisms of perceptual orientation and localization: (1) The origin of spatial perception. *Japanese Journal of Psychonomic Science* 5, 77-85, 1987. (In Japanese with English abstract)
14. Shimojo, S. Attention-dependent visual capture in double vision. *Perception*, 16, 445-447, 1987.
15. Shimojo, S., Silverman, G. H. and Nakayama, K. An occlusion-related depth mechanism based on motion and interocular order. *Nature*, 33, 265-268, 1988.
16. Shimojo, S., Sasaki, M., Parsons, L. M. and Torii, S. Mirror-reversal by blind subjects in cutaneous perception and motor production of letters and numbers. *Perception & Psychophysics*, 45, 145-152, 1989.
17. Shimojo, S., Silverman, G. H. and Nakayama, K. Occlusion and the solution to the aperture problem for motion. *Vision Research*, 29, 619-626, 1989.
18. Shimojo, S. and Ichikawa, S. Intuitive reasoning about probability: Theoretical and experimental analyses of the "problem of three prisoners." *Cognition*, 32, 1-24, 1989.
19. Nakayama, K., Shimojo, S. and Silverman, G. H. Stereoscopic depth: its relation to image segmentation, grouping, and the recognition of occluded objects. *Perception*, 18, 55-68, 1989.
20. Paradiso, M.A., Shimojo, S. and Nakayama, K. Subjective contours, tilt aftereffects, and visual cortical organization. *Vision Research*, 29, 1205-1213, 1989.
21. Shimojo, S. and Nakayama, K. Real world occlusion constraints and binocular rivalry. *Vision Research*, 30, 69-80, 1990.
22. Shimojo, S. and Nakayama, K. Amodal representation of occluded surfaces: role of invisible stimuli in apparent motion correspondence. *Perception*, 19, 285-299, 1990.
23. Nakayama, K., Shimojo, S. and Ramachandran, V. S. Perceived transparency: relation to depth, subjective contours, luminance, and neon color spreading. *Perception*, 19, 497-513, 1990.
24. Nakayama, K. and Shimojo, S. DaVinci stereopsis: depth and subjective occluding contours from unpaired image points. *Vision Research*, 30, 1811-1825, 1990.
25. Nagata, Y. and Shimojo, S. Mirror reversal phenomena in cutaneous perception. *Perception*, 20, 35-47, 1991.
26. Takeichi, H., Watanabe, T. and Shimojo, S. Illusory occluding contours and surface formation by depth propagation. *Perception*, 21, 177-184, 1992.
27. Takeichi, H., Shimojo, S., and Watanabe, T. Neon flank and illusory contour: interaction between the two processes leads to color filling-in. *Perception*, 21, 313-324, 1992.
28. Nakayama, K. and Shimojo, S. Experiencing and perceiving visual surfaces. *Science*, 257, 1357-1363, 1992.
29. Hikosaka, O., Miyauchi, S. and Shimojo, S. Voluntary and stimulus-induced attention detected as motion sensation. *Perception*, 22, 517-526, 1993.
30. Hikosaka, O., Miyauchi, S. and Shimojo, S. Focal visual attention produces illusory temporal order and motion sensation. *Vision Research*, 33, 1219-1240, 1993.
31. Hikosaka, O., Miyauchi, S. and Shimojo, S. Visual attention revealed by an illusion of motion. *Neuroscience Research*, 18, 11-18, 1993.
32. Murakami, I. and Shimojo, S. Motion capture changes to induced motion at higher luminance contrasts, smaller eccentricities, and larger inducer sizes. *Vision Research*, 33, 2091-2107, 1993.
33. Shimojo, S. and Nakayama, K. Interocularly unpaired zones escape local binocular matching. *Vision Research*, 34, 1875-1881, 1994.

34. Imamizu, H. and Shimojo, S. The locus of visual-motor learning - at the task level or manipulator level: implications from intermanual transfer. *Journal of Experimental Psychology: Human Perception and Performance*, 21, 719-733, 1995.
35. Murakami, I. and Shimojo, S. Modulation of motion after effect by surround motion and its dependence on stimulus size and eccentricity. *Vision Research*, 35, 1835-1844, 1995.
36. Takeichi, H., Nakazawa, H., Murakami, I., and Shimojo, S. The theory of the curvature-constraint line for amodal completion. *Perception*, 24, 373-389, 1995.
37. Shimojo, S., Tanaka, Y., Hikosaka, O. and Miyauchi, S. Vision, Attention, and action - Inhibition and facilitation in sensory-motor links revealed by the reaction time and the line motion. Attention & Performance XVI: Information Integration in Perception & Communication. Inui, T. & McClelland, J. L.(eds.), *MIT Press*, Cambridge, 597-630,1996.
38. Hikosaka, O., Miyauchi, S., Takeichi, H. and Shimojo, S. Multimodal spatial attention visualized by motion illusion. Attention & Performance XVI: Information Integration in Perception & Communication, Inui, T. & McClelland, J. L.(eds.), *MIT Press*, Cambridge, 237-261, 1996.
39. Tanaka, Y. and Shimojo, S. Location vs. feature: reaction time reveals dissociation between two visual functions. *Vision Research*, 36, 2125-2140, 1996.
40. Kitazaki, M. and Shimojo, S. The 'Generic view principle' for three-dimensional motion perception: optics and inverse optics of a moving straight bar. *Perception*, 25, 797-814, 1996.
41. Shimojo, S., Tanaka, Y. and Watanabe, K. Stimulus-driven facilitation and inhibition of visual information processing in environmental and retinotopic representations of space. *Cognitive Brain Research*, 5, 11-21, 1996.
42. Murakami, I. and Shimojo, S. Assimilation-type and contrast-type bias of motion induced by the surround in a random-dot display: Evidence for center-surround antagonism. *Vision Research*, 36, 3629-3639, 1996.
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44. Watanabe, K. and Shimojo, S. Suppressive effect of multimodal surface representation on ocular smooth pursuit of invisible hand. *Perception*, 26, 277-285, 1997.
45. Matsuzawa, M. and Shimojo, S. Infants' fast saccades under the gap paradigm and development of visual attention. *Infant Behavior and Development*, 20, 449-455, 1997.
46. Nakamura, S. and Shimojo, S. Stimulus size and eccentricity in visually induced perception of horizontally translational self-motion. *Perceptual and Motor Skills*, 87, 659-663, 1998.
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60. Shimojo, S., Paradiso, M. and Fujita, I. What Visual Perception Tells Us About Mind and Brain. *Proceedings of National Academy of Science*, 98, 12340-41, 2001.
61. Shimojo, S. and Shams, L. Sensory modalities are not separate modalities: plasticity and interactions. *Current Opinion in Neurobiology*, 11, 505-509, 2001.
62. Drew, P., Sayres, R., Watanabe, K., and Shimojo, S. Pupillary responses to chromatic flicker. *Exp Brain Res* 136, 256-262, 2001.
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64. Watanabe, K., and Shimojo, S. When sound affects vision: effects of auditory grouping on visual motion perception. *J Psychological Science*, 12, 109-116, 2001.
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66. Shimojo, S., Kamitani, Y. and Nishida, S. Afterimage of Perceptually Filled-in Surface. *Science*, 293, 1677-1680, 2001.
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81. Scheier, C., Lewkowicz, D.J., Shimojo, S. Sound induces perceptual reorganization of an ambiguous motion display in human infants. *Develop. Science*, 6, 233-241, 2003.
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85. Moradi, F., Shimojo, S. Suppressive effect of sustained low-contrast adaptation followed by transient high-contrast on peripheral target detection. *Vision Research*, 44, 449-460, 2004.
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87. Wu, D.A., Kanai, R., Shimojo, S. Steady-state misbinding of colour and motion. *Nature*, 429, 262-262, 2004.
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93. Moradi, F., Shimojo, S. Perceptual-binding and persistent pre-attentive surface segregation. *Vision Research*, 2885-99, 2004.
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95. Sheth, B.R. and Shimojo, S. Sound aided recovery from and persistence against filling-in. *Vision Research*. 44: 1907-1917, 2004.
96. Changizi, M. A. and Shimojo, S. Character complexity and redundancy in writing systems over human history. *Proc. Royal Soc. B*, 272, 267-275, 2005.
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98. Moradi, F., Koch, C., and Shimojo, S. Face adaptation depends on seeing the face. *Neuron*, 45, 169-175, 2005.
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111. Simion, C. and Shimojo, S. Interrupting the cascade – orienting contributes to decision making even in the absence of visual stimulation. *Perception and Psychophysics*, 69(4), 591-595, 2007.

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 302. Takahashi, M., Fujii, T., Miyazaki, A., Ishihara, T., Tanaka, H., Shimojo, S. & Matsuda, T. Functional differences of insula activity during initial taste detection and aftertaste discrimination in flavor perception. 20th annual meeting of The Japan Human Brain Mapping Society (JHBM), Shin Yokohama Prince Hotel, Yokohama, Kanagawa, March 2-3, Japan, 2018.
 303. Stiles, N.R.B., Tanguay, Jr., A.R. and S. Shimojo. The Dynamic Double Flash Illusion: Auditory Triggered Replay of Illusory Visual Expansion. 19th International Multisensory Research Forum, IMRF 2018, Toronto, Canada, June 15, 2018.
 304. Takahashi, M., Fujii, T., Miyazaki, A., Ishihara, T., Tanaka, H., Shimojo, S. & Matsuda, T. Insula activity during initial taste detection and aftertaste discrimination in flavor perception. Annual Meeting of the Organization for Human Brain Mapping). Suntec Singapore, Singapore. June 17-21, 2018.
 305. Takahashi, M., Fujii, T., Miyazaki, A., Ishihara, T., Tanaka, H., Shimojo, S. & Matsuda, T. Different involvement of insula in initial taste detection and aftertaste discrimination in flavor perception. The 41st Annual Meeting of the Japan Neuroscience Society. Portopia Kobe, Kobe, Japan, July 26-29, 2018.
 306. Shimojo, S., Lin, Y-J, and Laing, W. Both within- and cross-modal time perception mechanisms exist: evidence from debut chronostasis. The Vision Science Society Annual Meeting, St. Pete Beach, Florida, May 18-23, 2018.
 307. Suegami, T., Wu, D., Changizi, M. & Shimojo, S. Auditory cue suppresses visual detection in extreme-periphery. 41st European Conference on Visual Perception, Trieste, Italy,

- August 28, 2018.
308. Shimojo, S., Wu, D. J., Shimojo, K., Shimojo, S., Suegami, T., Shehata, M., Stiles, N. R., Berger, C. C., and Tanguay Jr., A. R. Vision in the Extreme Periphery (1a): Auditory Modulation of Flicker Perception. *Journal of Vision* 19(10), 2019.
 309. Wu, D., Suegami, T. and Shimojo, S. Vision in the extreme-periphery (1b): perception of rotation rate. *Journal of Vision* 19(10), 2019.
 310. Suegami, T., Berger, C. C., Wu, D. Changizi, M. and Shimojo, S. Vision in the extreme-periphery (2): Concurrent auditory stimuli *degrade* visual detection. *Journal of Vision* 19(10), 2019.
 311. Shehata, M., Suegami, T., Shirai, Y., Wu, D., Nakauchi, S. and Shimojo, S. Vision in the extreme-periphery (3a): color perception is induced by foveal input. *Journal of Vision* 19(10), 2019.
 312. Shirai, Y., Suegami, T., Shehata, M., Shimojo, S. and Nakauchi, S. Vision in the extreme-periphery (3b): effects of eccentricity and foveal input on color perception. *Journal of Vision* 19(10), 2019.
 313. Hung, S., Wu, D. and Shimojo, S. The automatic and non-automatic aspects of unconscious visual processing. *Journal of Vision* 19(10), 2019.
 314. Zhai, A., Hung, S. and Shimojo, S. The automatic and non-automatic aspects of unconscious visual processing. *Journal of Vision* 19(10), 2019.
 315. Tanguay Jr., A., Stiles, N. B., Ganduly, I. and Shimojo, S. Time Dependence of Predictive and Postdictive Auditory-Visual: The Temporally Extended Audiovisual Rabbit Illusion. *Journal of Vision* 19(10), 2019.
 316. Cheng M., Shehata M., Wu D., Tseng C., Nakauchi S., Shimojo S. Unique neural correlates of team flow in a dual-player music game the 8th Joint Action Meeting (JAM), Genova, Italy, July 10-13, 2019.
 317. Sun, S., Wu, D-A, Shehata, S., Akashi, A., Furudate, M., Zhang, C., Matsuda, T., Takahashi, M. and Shimojo, S. Free finger tapping tempo reflects intrinsic brain rhythm (1): assessed by EEG (PB-351). Japanese Neuroscience Society (JNS), Niigata, Japan, July 25-28, 2019.
 318. Takahashi, M., Fujii, T., Sai, S., Miyazaki, A., Ishihara, T., Tanaka, H., Takagishi, H., Shimojo, S. & Matsuda, T. Free finger tapping tempo reflects intrinsic brain rhythms (2) assessed by resting-state fMRI (PB-349). Japanese Neuroscience Society (JNS), Niigata, Japan, July 25-28, 2019.
 319. Fujii, T., Takahashi, M., Sai, S., Miyazaki, A., Ishihara, T., Tanaka, H., Takagishi, H., Shimojo, S. & Matsuda, T. The relationship between implicit leadership in interpersonal rhythmic interaction and trust in a partner (PB-350). Japanese Neuroscience Society (JNS), Niigata, Japan, July 25-28, 2019.
 320. Hung, S. -M., Wu, D. -A., & Shimojo, S. The attentional requirements of unconscious processes. Poster at the Association for the Scientific Study of Consciousness (ASSC), London, Ontario, Canada, June 25-29, 2019.
 321. Hung, S. -M., Wu, D. -A., & Shimojo, S. Language processing outside the realm of consciousness. Symposium organizer and speaker at the Asia Pacific Conference on Vision (APCV), Osaka, Japan, July 29-31, 2019.
 322. Suegami, T., Changizi, M., Berger, C. C., Wu, J. D. & Shimojo, S. Falling pitch imitating Doppler shift facilitates detection of visual motion in the extreme-periphery. 15th Asia-Pacific Conference on Vision, Osaka, Japan, July 31, 2019.
 323. Shehata M., Cheng M., Wu D., Tseng C., Nakauchi S., Shimojo S.; Specific neural

- correlates integrate flow and social experience. Scheduled as a poster at the 49th annual meeting of the Society for Neuroscience (SfN); Chicago, IL, Oct. 19 -24, 2019.
324. Noelle R. B. Stiles, Armand R. Tanguay, Jr., Ishani Ganguly, Carmel A. Levitan, and Shinsuke Shimojo, “Changes in Auditory-Visual Perception Induced by Partial Vision Loss: Use of Novel Multisensory Illusions”, IS&T International Symposium on Electronic Imaging 2020, Human Vision and Electronic Imaging 2020, Burlingame, California, January 30, 2020.

IV. Invited Lectures, Talks, Dialogues and Symposia

1. Visual development in human infants. Smith-Kettlewell Eye Research Foundation. April 16, 1987.
2. Intelligent systems and intelligent vision. ATR Auditory and Visual Perception Research Laboratories, Osaka, September 24, 1987.
3. Visual development in human infants. Department of Ophthalmology, Texas Technological Institute, Lubbock, TX, January 25, 1988.
4. Occlusion related visual constraints. Department of Psychology, Texas Technological Institute, Lubbock, TX, January 26, 1988.
5. Occlusion related visual constraints. School of Optometry, University of California, Berkeley, CA, February 5, 1988.
6. Occlusion related visual constraints. Department of Psychology, University of California at San Diego, La Jolla, CA, March 14, 1988.
7. Occlusion related visual constraints. Department of Psychology, Stanford University, Stanford, CA, July 6, 1988.
8. Occlusion related visual constraints: Implications to machine vision. ATR Auditory and Visual Perception Research Laboratories, Osaka, September 24, 1988.
9. Occlusion related visual constraints: Implications to Physiology and machine vision. Cognitive Science Program, University of California, Santa Barbara, CA, January 27, 1989.
10. Plasticity of visual cognitive functions. DNA Research Laboratories, Life Science (Biotechnology) Study Meeting, Tokyo, November 16, 1989.
11. Adaptability and plasticity of binocular stereoscopic vision. Perception Meeting, Tokyo Women’s University, March 10, 1990.
12. Occlusion related visual constraints and surface perception. Electrotechnical Laboratory, Tsukuba, Ibaraki, March 23, 1990.
13. Adaptability and plasticity of early visual processes. Annual Meeting of The Japanese Physiological Association, Miyazaki Kanko Hotel, Miyazaki, April 4, 1990.
14. Adaptability and plasticity of stereopsis. Study Meeting of Comparative and Developmental Psychology. Japan Women’s University, April 21, 1990.
15. Occlusion related visual constraints and early visual processing. RIKEN Institute, Wako, Saitama, May 21, 1990.
16. Perception, Cognition and Brain. Yakult International Symposium (Coordinator), Yakult, Tokyo, May 26, 1990. Nomura Research Institute, Kuramae Industrial Hall, Tokyo, September 19, 1990.
17. Psychophysics and computational theory of early vision (discussant). ATR workshop on modeling human visual perception and cognition, Kyoto International Convention Center, Kyoto, November 13, 1990.

18. Responses of neurons and the organism's perception/behavior - suggestions from psychophysics. Symposium on higher brain functions, Grant-in-Aid for Scientific Research on Priority Areas, Kyoto Kyoiku Kaikan, December 10, 1990.
19. Behavioral assessment of visual functions in infants. Symposium: Prospects of the non-invasive approach to higher functions of the living organism. National Institute of Physiology, Okazaki, Aichi, February 14, 1991.
20. Perception, behavior and self. Study Meeting of The Fukuoka Occupational Therapist Association. Kyushu Rosai Hospital, Fukuoka, February 17, 1991.
21. Perceptual formation of surfaces and binocular stereopsis. (Shimojo, S. and Nakazawa, H.) Professor Shuko Torri Monumental Symposium, University of Tokyo, March 1, 1991.
22. Binocular and interocular functions in infants. Symposium on infant vision research 1990, National Research Council, Beckman Center, Irvine, California, March 8, 1991.
23. Visual development in infants. Study Meeting of Aichi Ophthalmologist Association, Meitetsu Hotel, Okazaki, July 20, 1991.
24. Visual psychology and computational approach (discussant), The 55th Annual Meeting of The Japanese Psychological Association, Workshop, Sendai International Center, Sendai, October 29, 1991.
25. Visual attention and motion perception. ATR Visual and Auditory Perception Research Laboratories, Kyoto, December 5, 1991.
26. Perception, Body and Self. Departmental Seminar of Psychology, Hiroshima University, Hiroshima, July 10, 1992.
27. Babies as opened channels - implicit intelligence in the development of mind. Early Development Association, EDA Seminar, Tsuda Hall, Tokyo, July 28, 1992.
28. Adaptability of early visual processes. Kyoto Psychological Seminar, Italian Hall, Kyoto, October 17, 1992.
29. Development of mind from the cognitive psychology viewpoint. Annual Meeting of The Tokyo Public Educational Counseling Association, Tama Educational Research Laboratory, Tokyo, November, 1992.
30. Perception of transparent and opaque surfaces. Symposium: Dynamics of Perception. National Institute of Physiology, Okazaki, Aichi, January 27, 1993.
31. Perception, Body and Self. Departmental Seminar of Psychology, Hokkaido University, Sapporo, July 23, 1993.
32. Vision, Attention and action - The line-motion effect and some RT findings. Department of Psychology, Harvard University, September 28, 1993.
33. Vision, Attention and action - The line-motion effect. Department of Psychology, Rutgers University, October 4, 1993.
34. Vision, attention, and action - Inhibition of return vs. facilitation of return. Department of Psychology, Northeastern University, November 17, 1993.
35. Vision, Attention and Action. Department of Psychology, Vanderbilt University, November 30, 1993.
36. Vision, Attention and Action. Department of Psychology, University of Western Ontario, January 14, 1994.
37. Motion contrast, and relative motion detectors. Center for Adaptive Systems, Boston University, January 20, 1994.
38. Vision, attention and action. Center for Adaptive Systems, Boston University, January 20, 1994.

39. Vision, Attention and action - The line-motion effect, and some RT findings. Department of Psychology, New York University, February 18, 1994.
40. Occlusion and interocular perception. Center for Adaptive Systems, Boston University, February 24, 1994.
41. Vision, attention and action - The line-motion effect, and some RT findings. Department of Psychology, University of Toronto, March 2, 1994.
40. 3D visual surface representation. Department of Physiology, Nihon University, July 7, 1994.
41. Vision, attention and action - Facilitation and inhibition in sensory-motor links. Attention & Performance XVI, Kyoto, July 14, 1994.
42. Conditions for reality - From perceptual psychology viewpoint. The Japanese Architectural Society, The third symposium on virtual reality, Architectural Hall, Tamachi, Tokyo, September 28, 1994.
43. The “generic view” principle and spatial perception. Annual Conference of The Japanese Neural Network Society, Special Talk, Agency of Industrial Science and Technology Tsukuba Auditorium, Tsukuba, November 10, 1994.
44. From the information for competition to that for cooperation. (panel discussant) The First Annual Meeting of The International Society of Narratives, NEC Auditorium, Tokyo, November 26, 1994.
45. Adaptability and learnability of visual perception. Saturday seminar, Division of Multi-disciplinary Sciences, University of Tokyo, January 14, 1995.
46. Inhibition and facilitation of visual-motor information processing revealed in reaction times. Cross-field interactive forum: dialog between cognitive science and neuroscience - Vision and Imagery, the Japanese Association for Regional Research Interaction, Sapporo, March 2, 1995.
47. Visual surface representation and the occlusion constraints. California Institute of Technology, Pasadena, California, March 9, 1995.
48. Vision, attention and action - the line motion effect, and visual-motor links revealed in reaction times. California Institute of Technology, Pasadena, California, March 9, 1995.
49. Attention yields illusory motion. Max Planck Institute for Psychological Research, Muenchen, Germany, May 22, 1995.
50. Vision, attention and action: inhibition and facilitation in visual-motor mapping. The International Institute for Advanced Studies, Symposium on Visual Surface Representation, Kyoto, June 7, 1995.
51. Visual perception and arts. Kanazawa Arts & Polytechnical College, July 14, 1995.
52. Resolution and modulation of visual information processing revealed by the “spoke” illusion. California Institute of Technology, Division of Biology Seminar, Pasadena, California, September 21, 1995.
53. The “line motion” effect: its relation to motion, attention, and action. California Institute of Technology, Division of Biology Seminar, Pasadena, California, September 22, 1995.
54. What could we learn from illusions?: Psychophysics of Vision. NTT Laboratories, Atsugi, Kanagawa-ken, November 17, 1995.
55. Some ideas of teaching in the classroom: From cognitive psychology viewpoint. Hachioji City teacher’s association (Hachioji, Tokyo), November 21, 1995.

56. Facilitatory and inhibitory modulations in sensory-motor pathways. 9th Toyota Conference, “Brain & Mind - for better understanding of the dynamic function of mind and its supporting brain mechanism”, Mikkabi, Shizuoka, December 5 1995.
57. Adaptability and “intelligence” of the visual-perceptual system. Symposium on “automatic and distributed systems”, The Japanese Association for Measurement and Control, Yotsuya, Tokyo, January 17 1996.
58. Attentional modulation of visual information processing: The line-motion effect and the spoke illusion. University of Southern California, Department of Psychology, Seminar, February 22, 1996.
59. Brain and intelligence: Studies of perception by multidisciplinary collaboration. Multidisciplinary Research Council of Japan, Ichigaya, Tokyo, March 14 1996.
60. Illusion, arts & sciences. Collaboration 21, Nihonbashi, Tokyo, May 22, 1996.
61. Development of perception and behavior. 30th Annual Meeting of Japanese Association of Work Therapists, Tokyo, June 5, 1996.
62. Cognitive and behavioral studies of “Desire” and communication. NTT Forum for Information and Culture, Tokyo, June 11, 1996.
63. Visual surface representation revealed in depth and motion perception. 8th World Congress of Psychophysiology, Tampere, Finland, June 26, 1996.
64. Automatic and controlled processes of attention revealed in the line motion effect. Attention & Performance XVII, Beit Oren (Haifa), Israel, July 7, 1996.
65. Retinotopic, environmental and object-bound components in visual perception. The Sloan Foundation Annual Meeting on Neuroscience, Santa Fe Institute, New Mexico, July 24, 1996.
66. Sensory-motor Coordination and Cross-modal Integration by Spatial Attention. The 20th Annual Meeting of The Japanese Association for Neuropsychology, Sapporo, Sept. 12-13, 1996.
67. Attention, time and awareness in vision. The Helmholtz Club, University of California, Irvine, May 6, 1997.
68. Attention, time and awareness in vision. Keynote speaker, Department of Psychology, 2nd Annual In-house Conference, McMaster University, Hamilton, Canada, June 16, 1997.
69. Attention, time and awareness in vision. Smith-Kettlewell Colloquia Series, San Francisco, Oct. 9, 1997.
70. Attention, time and awareness in vision. 1997-98 Oxyopia Seminar Series. University of California, Berkeley, School of Optometry, Oct. 10, 1997.
71. Attention, time and awareness in vision. NEC/New York University Symposium on Vision, New York, Feb. 22, 1998.
72. Attention, time and awareness in vision - from psychophysics to TMS (Transcranial Magnetic Stimulation). University of California, Santa Barbara, Department of Psychology Seminar, Santa Barbara, March 6, 1998.
73. Attention, time and awareness in vision - from psychophysics to TMS. University of California, Irvine, Dept. of Psychology, Lunch Time Seminar on Vision, Irvine, CA, March 11, 1998.
74. Visual Science and Modern Arts. A special lecture for the James Turrell exhibition, Nagoya City Art Museum, Nagoya, Aichi-ken, March 29, 1998.
75. Attention, time and awareness in vision - from psychophysics to TMS. Veterans Administration Medical Center, Department of Neurology, Martinez, CA, June 3, 1998.

76. Visualizing suppression induced by transcranial magnetic stimulation: How do neuronal activities give rise to perceptual awareness? Jyuntendo University Medical School, Department of Physiology special seminar, July 10, 1998.
77. Visualizing suppression induced by transcranial magnetic stimulation: How do neuronal activities give rise to perceptual awareness? ATR Human Information Processing Laboratories, Kyoto, July 15, 1998.
78. Localization of briefly flashed target: Gaze, retinal motion, and transient signals. Sloan Foundation Annual Meeting, California Institute of Technology, Pasadena, CA, July 22, 1989.
79. Perceptual awareness and visual filling-in/completion assessed by TMS (Transcranial Magnetic Stimulation). Japanese Psychological Association 62nd Annual Meeting, Gakugei University, Tokyo, October 9, 1998.
80. Introduction to visual and cognitive development. Kawasaki Medical College, Kurashiki, Japan, October 16, 1998.
81. Contour filling-in leads to compression effect in TMS-suppression and afterimage. Neuroinformatics - joint CNS retreat with Hebrew University, Eilat, Israel, March 22, 1999.
82. Visual surface filling-in assessed by psychophysics and TMS (Transcranial Magnetic Stimulation), Boston University, Boston, May 29, 1999.
83. Brain, perception, and body - near future of arts, design and cognitive science. Canon Future Planning Committee, Tokyo, July 22, 1999.
84. Perception, consciousness, and brain. University of Tokyo, Department of Life Sciences, Tokyo, July 26-28, 1999.
85. When a sound affects vision: auditory-visual integration, and its development. House Ear Institute, Los Angeles, September 10, 1999.
86. When a sound affects vision: auditory-visual integration, and its development. Electric Research Institute Symposium on "Study of the brain and artificial systems performing context-based recognition, decision and action. Tsukuba, Japan, November 5, 1999.
87. Development of attention, orienting, and auditory-visual interaction Association for Developmental Study of Infant's Behavior, Tokyo, Japan, November 13, 1999.
88. When a sound affects vision: auditory-visual integration, and its development. Tokyo University of Electronics, Chiba, Japan, November 25, 1999.
89. Issues in research of perception: implicit processes in perception, attention, and behavior. Genesis Research Institute, Nagoya, Japan, December 1, 1999.
90. The century of brain: its logic and ethics. Kobe University Three Quarters of Century Anniversary Symposium, Kobe, Japan, December 4, 1999.
91. Subjective experience of perception and visual cortical activity assessed by TMS (Transcranial Magnetic Stimulation). Symposium on understanding of higher-order brain functions: "Brain intention: cognition and behavior", Tokyo, Japan, January 29, 2000.
92. Surface filling-in mechanisms revealed in TMS-suppression and afterimages. Symposium on "Neural mechanisms of visual perception", National Institute for Physiological Sciences, Okazaki, Japan, March 8, 2000.
93. Perception and Awareness. JST (Japan Science and Technology Corporation) Field Exploratory Program Workshop, Tokyo, Japan, May 17, 2000

94. When a sound affects vision: auditory-visual integration and its development. Helmholtz Club, Irvine, California, March 21, 2000
95. Transcranial Magnetic Stimulation. JASON/MITRA meeting, Washington D.C., April 29, 2000
96. Are illusions merely errors? Nikkei Science Sapiens Symposium, Tokyo, Japan, May 20, 2000
97. Brain representation of space and time. Vision Society of Japan. Annual Meeting, Kawaguchi-ko, Yamanashi, Japan, July 27, 2000
98. Dynamic interactions: perception and memory. The Japanese Psychological Association 64th Annual Meeting, Symposium on “Dynamic Interactions between external Information and internal representations”, Kyoto International Conference Center, Kyoto, November 6, 2000.
99. Consciousness in perception. Conversazione on “Is science of consciousness possible?”, Kyoto International Conference Center, Kyoto, November 7, 2000.
100. Concerning plasticity: innateness, localization and modularity in perception. RIKEN/GEMINI Workshop on “Ape genomics”, Hotel Intercontinental Tokyo Bay, Tokyo, 15 March, 2002.
101. Integration beyond sensory modalities. University of California Santa Barbara, Department of Psychology seminar, April 13, 2001.
102. Integration beyond sensory modalities. Smith-Kettlewell Eye Research Institute, San Francisco, June 28, 2001.
103. Integration beyond sensory modalities. The Sloan-Schwarz Foundation annual meeting, Plumpjack’s Inn, Squaw Valley, California, July 15, 2001.
104. Integration beyond sensory modalities. Kyoto University, Graduate school for information sciences seminar, Kyoto University, Kyoto, November 1, 2001.
105. Integration beyond sensory modalities. Advanced Institute of Science and Technology International Symposium, AIST, Osaka, November 2, 2001.
106. Color and color perception. L’Oreal Arts & Science Workshop, Tokyo Design Center, Tokyo, November 7, 2001.
107. Integration beyond sensory modalities. Nagoya University Laboratories for Environmental Medicine, Nagoya, December 6, 2001.
108. Intelligence in body: cognitive science of museum exhibition. Toyota/technova seminar, Toyota corporation, Tokyo, Japan, June 4, 2002.
109. From Social Brain to Brain Society. Management and Coordination Agency (Japanese government), Advisory committee on Human network interface, Tokyo, Japan, June 6, 2002.
110. Science of Mind-Brain: Revealing Conscious Experience of Perception. NTT Communication Science Laboratory, annual open house, special tutorial, NTT laboratories, Keihanna, Japan, June 7, 2002.
111. Concerning Plasticity; Innateness, Localization and Modularity in Perception. 43rd International Conference for Applied Psychology, Symposium on “Human nature and cultural influence,” Suntec, Singapore, July 11, 2002.
112. What is consciousness, and how could we study it scientifically? The 26th General Assembly of Japan Medical Congress, Symposium on “humans, robots, and chimpanzees.” Fukuoka, Japan, April 5, 2003.

113. Principles and mechanisms of cross-modal integration. Nagoya Institute of Technology, Toyota-chair opening symposium, Nagoya, Japan, April 8, 2003.
114. New perceptual phenomena related to contours and surfaces, and underlying neural mechanisms. Japanese Neuroscience Society, Tokizane Memorial Award Recipient Lecture, Nagoya International Conference Center, Nagoya, Aichi, July 23, 2003.
115. Auditory-visual interaction and integration, Marin Biology Laboratory, Woodhall, MA, August 26, 2003.
116. Psychophysics combined with fMRI/TMS to reveal cross-modal integration and hidden visual computation. Shimojo, S. Symposium on "The experience on seeing: Physiology, psychophysics and Philosophy." European Conference of Visual Perception, Paris, September 4, Perception, 32, 31, suppl., 2003.
117. Auditory-visual interactions. Japanese Visual Science Society Annual Meeting, Special invited lecture, Kogakuin University, Shinjyuku, Tokyo, January 27, 2004.
118. Cognitive neuroscience and its applications. JETRO Los Angeles, February 19, 2004.
119. Pleasure of perception – new development in science museum. NTT Intercommunication Center, Workshop "Seeing is Believing," Roppongi, Tokyo (and Caltech, Pasadena, via internet connection), March 12, 2004.
120. Crossmodal integration – towards general neural principles. NTT Workshop on auditory-visual interactions. NTT Basic Laboratories, Atsugi, Kanagawa, April 12, 2004.
121. Gaze and preference: eye orienting as somatic precursor of emotional judgment. Tamagawa University COE(Center Of Excellence) International Symposium on Attention and Decision, Tamagawa University, Tamagawa Gakuen, Kanagawa, May 19, 2004.
122. Seeing and hearing to integrate: concerning accuracy and signal/noise. NHK Laboratories for Communication and Technology, Annual Open House, NHK Laboratories, Setagaya, Tokyo, May 27, 2004.
123. Auditory-visual interaction in infants. Attention & Performance Conference, Ironhorse Resort, Winterpark, Colorado, July 30, 2004.
124. Auditory-visual interactions in infants and adults. European Conference of Visual Perception, Symposium on "How studies of visual development can constrain models of adult vision." European Conference of Visual Perception, Budapest, Hungary, Perception, 33, 10, suppl., 2004.
125. Surface filling-in, Aftereffect, and feature binding. Mechanisms of Brain and Mind, 5th Summer Workshop "Decision making: materialistic basis of mind" invited lecture, Hotel New Otani, Yuzawa, Niigata, Japan, August 26, 2004.
126. Perception, gaze and emotion – somatic basis of mind. PEAACCAS (NPO) Kick-off lecture, Kitakyushu city ShoKoBoeki Kaikan, Kitakyushu, Fukuoka, August 28, 2004.
127. Perception, language, and brain. Polona College, Foreign Language Center Lecture Series, Pomona College, Pomona, CA, September 16, 2004.
128. Auditory-visual interaction: in quest of general principles. MEG Workshop, University College London, London, October 15, 2004.
129. Gaze and preference. UCSD Department of Neuroscience, San Diego, CA, April 12, 2005.
130. Towards general principles of crossmodal integration. 12th Joint Symposium on Neural Computation, UCLA, Westwood, LA, May 14, 2005.
131. Illusion, mind and brain. California Institute of Technology Alumni day seminar, California Institute of Technology, Pasadena, CA, May 21, 2005.

132. Gaze and preference: eye orienting as somatic precursor of emotional judgment. American Psychological Association Annual Meeting, Symposium on "Implicit processing in visual perception, decision making and learning," Westin Century Plaza Hotel, West LA, May 27, 2005.
133. Brain, perception and body. Joshi Bijyutsu University, Department of Design and Fashion special lecture, Joshi Bijyutsu University, Sagamiono, Kanagawa, Japan, June 7, 2005.
134. Perceptual awareness – concerning subjective experience of consciousness. SONY Computer Science Laboratory Annual Openhouse Symposium, SONY CSL, Osaki, Tokyo
135. Museum – that connects sciences and arts. Association for Developmental Sciences, 18th public symposium on "Playing that fosters mind," Yasuda Seimei Hall, Nishi Shinjyuku, Tokyo, June 11, 2005.
136. Visibility, gaze specificity, and crossmodal synchrony assessed by aftereffect. Association for Scientific Studies of Consciousness, 9th Annual Meeting, Symposium on Visual Aftereffects, California Institute of Technology, Pasadena, CA, June 26, 2005.
137. Functional brain measurement and psychophysical paradigm. Japanese Psychological Association Annual Meeting, Symposium on "Noninvasive measure of brain activity, and progress of psychology," Keio University Mita Campus, Mita, Tokyo, September 11, 2005.
138. Time and consciousness. COE (Center Of Excellence) Symposium on "Body, Self, and Time," special invited lecture, Keio University Mita Campus, Mita, Tokyo, September 15, 2005.
139. Decision making mechanisms in the brain. Japanese Association of Robotics Annual Meeting, special invited lecture, Keio University Hiyoshi Campus, Hiyoshi, Yokohama, September 16, 2005.
140. Crossmodal integration – towards general neural principles. Attention & Performance, Conference and Workshop, National Taiwan University, Taipei, Taiwan, January 16, 2006.
141. Visual surface representation and feature binding. Attention & Performance, Conference and Workshop, National Taiwan University, Taipei, Taiwan, January 17, 2006.
142. Gaze and attention – somatic and neural precursors of preference decision. Attention & Performance, Conference and Workshop, National Taiwan University, Taipei, Taiwan, January 20, 2006.
143. Color and surface – beyond the retina. The Color Association of Taiwan, Chinese Cultural University, Taipei, Taiwan, January 21, 2006.
144. Perception, body and brain – some new directions in science museum, National Museum of Natural Science, Taipei, Taiwan, January 21, 2006.
145. Crossmodal integration: towards general principles. NIH/NIMH, Bethesda, MD, February 2, 2006.
146. Coordination of perception and body. Opening symposium for Department of Contemporary Psychology, Rikkyo University, Niiza, Saitama, March 31, 2006.
147. Consciousness with regard to behavior – Psychophysics and neural functions. Japanese Association for Anesthesiology, Annual Academic Meeting, Kobe Portpia Hotel, Kobe, Hyogo, June 1, 2006.

148. Time, consciousness, and free will in psychophysics. Yukawa-Tomonaga Centennial Memorial Lecture Series (2), Kyoto University Institute of Basic Physics, Kyoto, June 2, 2006.
149. Dynamics of visual perception and underlying neural mechanisms – from TMS and crossmodal studies. RIKEN BSI Summer Seminar Series, Wako, Saitama, August 1, 2006.
150. Decision Making and Action - Predictive and Postdictive Aspects -. Harvard University Department of Psychology Seminar, November 14, 2006.
151. Perceptual illusions – what they are, and how they contribute to sciences. National Taiwan University Department of Psychology, January 22, 2007.
152. Perceptual illusions – what they are, and how they contribute to sciences. National Chengkong University Institute of Social Sciences, January 23, 2007.
153. Action, will and consciousness – neuroscience of subjective experiences. Intensive lecture series. University of Tokyo Komaba campus, Philosophy COE, UTCP seminar series, Jan. 16-19, 2007.
154. Perceptual illusions – what they are, and how they contribute to sciences -. NIH-SEPA project seminar, Exploratorium, San Francisco, May 29, 2007.
155. Perceptual illusions – what they are, and how they contribute to sciences -. Special seminar, Department of Psychology, National Taiwan University, Taipei, Taiwan, Jan. 22, 2007.
156. Perceptual illusions – what they are, and how they contribute to sciences -. Special seminar, Department of Social Sciences, National Cheng-Kong University, Tainan, Taiwan, Jan. 23, 2007.
157. Spatio-temporal dynamics in visual cortex assessed by TMS. Japanese Biomagnetics Society Annual Meeting, Okazaki National Institute of Physiology, Okazaki, Japan, June 22, 2007.
158. Cognitive development stemming from orienting and multisensory integration. JST. ERATO Asada Synergetic Intelligence Project and the "Locomotive Intelligence" Project joint symposium, Awajishima International Congress Center, Awajishima, Hyogo, Japan, July 21, 2007.
159. Emotion(al System). JST Interdisciplinary Forum "Human functions and senses," JST Research Development Center, Kojimachi, Tokyo, Japan, July 30, 2007.
160. Emotional decision making and its neural correlates. Japanese Society for Physiological Sciences, Summer seminar for young researcher, Olympic Memorial Center, Yoyogi, Tokyo, August 8, 2007.
161. Special Seminar, National Institute of Radiation Sciences, Inage, Chiba, Japan, August 8, 2007.
162. Emotion, decision and consciousness – Introduction to JST.ERATO Shimojo Implicit Brain Function Project. Research Center for Advanced Science and Technology (Sentanken), University of Tokyo, Komaba, Tokyo, Sept. 13, 2007.
163. Behavioral and neural correlates of visual preference decision making. UCLA, Department of Psychology, Cognition seminar, UCLA, California, Oct. 19, 2007.
164. Introduction to JST.ERATO Shimojo Implicit Brain Function Project. JST.ERATO Harashima Project Symposium "Towards Future of Expressions. Koshiba Hall, University of Tokyo, Hongo, Tokyo, Nov. 19, 2007.

165. Behavioral and neural correlates of visual preference. Showa Medical University, Department of Neurology, Evening seminar, Showa Medical University, Hatanodai, Tokyo, Dec. 5, 2007.
166. Mind is social – from sensation to memory, and to decision. Tamagawa University COE – California Institute Joint Workshop on "Neural mechanisms of social mind." Tamagawa University, Machida, Tokyo, Dec. 6, 2007.
167. Implicit mind, social brain. Symposium "From genome to mind – a prospective towards advanced psychological studies". Kyoto University, Kyoto, Japan, Feb. 2, 2008.
168. Gaze, preference, and other aspects of the social brain. University of Michigan, Department of Psychology seminar, University of Michigan, Ann Arbor, Michigan, April 14, 2008.
169. Behavioral and neural correlates of visual preference decision making. University of Rochester Center for Visual Sciences, biannual symposium, "Blurring the borders between vision, cognition and action," University of Rochester, Rochester, NY, May 30, 2008.
170. Implicit and dynamic aspects of choice decision. BVM-Congress, keynote lecture, Hamburg, Germany, June 5, 2008.
171. Frontiers of visual science. Aichi Prefecture Ophthalmologist Association, special seminar, Nagoya, Aichi, Japan, June 12, 2008.
172. Emotion – that drives body and mind. University of Tokyo Komaba campus, special lecture in the "broader academic perspectives" series, Komaba, Meguro-ku, Tokyo, Japan, June 17, 2008.
173. Behavioral and neural correlates of visual preference decision-making. Asian Pacific Conference of Visual perception, annual meeting, keynote lecture, Brisbane, Australia, July 20, 2008.
174. Behavioral and neural correlates of visual preference. Japanese Association for Neuropsychology, annual meeting, Keynote lecture, Tokyo, Japan, Sept. 18, 2008.
175. What TMS can(not) prove – lessons from its applications to the visual cortex. Society for Neuroeconomics, annual meeting, workshop, Canyons, Park City, UT, Sept. 26, 2008.
176. Learning and education, from the perspectives of implicit brain functions. JST Social Technology Development Center, Interdisciplinary Symposium "Brain science and Society- How to enhance motivation to learn," University of Tokyo, Hongo, Bunkyo-ku, Tokyo, Japan, Oct. 4, 2008.
177. Neural correlates of preference and choice behavior – neuroeconomics, and cognitive neuroscience of decision making. TOSHIBA Corporation, Shibaura, Tokyo, Japan, Oct. 30, 2008.
178. Human Being? Professor Hiroshi Harashima's final lecture series, University of Tokyo, Faculty of Engineering, Hongo, Bunkyo-ku, Tokyo, Japan, Oct. 31, 2008.
179. Dynamics of the visual cortical process and consciousness, assessed with TMS. Japanese Association for Electric Information Processing and Communication, HIP(Human Information Processing) Workshop, Kanazawa Institute of Technology, Kanazawa, Ishikawa, Japan, Nov. 7, 2008.
180. Dynamical loop of learning, and its role in creativity. Kyoto University Kokoro Research Center, Special Lecture. Kyoto University Kokoro Center, Kyoto, Japan, Dec. 4, 2008.

181. Behavioral and neural correlates of visual preference decision. IS&T/SPIE HVEIC(Human Visual and Electronic Imaging Conference) XIV, San Jose Conference Center, San Jose, CA, January 19, 2009.
182. Dynamics of <mind-body-brain> - concerning preference decision making. Tamagawa University gCOE Lecture Series, Tamagawa University, Tamagawa Gakuen, Machida, Tokyo, Japan, March 9, 2009.
183. Time, consciousness and “free will”. International Institute for Advanced Studies 6th workshop on “mathematical brain science of autonomy in cognition and movements. International Institute for Advanced Studies, Kizugawa, Kyoto, Japan, March 11, 2009.
184. Preference, creativity, and postdiction. Sport Psychology Workshop (supported by Grant-in-Aid for Scientific Research, Kiban A), NTT Communication Science Laboratories, Atsugi, Kanagawa, Japan, March 16, 2009.
185. Behavioral and neural correlates of visual preference decision making. North Eastern University, Department of Psychology Seminar, North Eastern University, Boston, MA, March 26, 2009.
186. Perceptual illusions – where science meets art. Fordham University, Department of Computer Sciences/Theatre & Visual Arts Special Seminar, Fordham University, NY city, NY, April 2, 2009.
187. Behavioral and neural correlates of visual preference decision: towards the extension of neural computation and neural informatics. Fordham University, Department of Computer Sciences/Theatre & Visual Arts Special Seminar, Fordham University, NY city, NY, April 3, 2009
188. Behavioral and neural correlates of preference decision making. Kawato CREST Project on Decoding and Control of Brain Information, Annual meeting, Ibusuki, Kagoshima, Japan, April 18, 2009.
189. Postdiction – brain, mind and time. China Medical University, Department of Psychology Seminar, Taichung, Taiwan, May 25, 2009.
190. Crossmodal interactions – attention, timing and synchrony. National Taiwan University, Department of Psychology Special Lecture, May 25, 2009.
191. Postdiction – brain, mind and time. National Taiwan University, Department of Psychology Special Seminar, May 26, 2009.
192. Intentionality and body – across perception, decision making and movement. Symposium on “body schema,” Kyoto University, Kyoto, Japan, June 8, 2009.
193. Mind is not alone – towards inverse translational sciences. Kyoto University Kokoro Research Center, Special Lecture. Kyoto University Kokoro Center, Kyoto, Japan, June 10, 2009.
194. Implicit and explicit processes in decision making. The Japanese Association for Research on Disturbance of Consciousness, 18th Annual Meeting, Special Educational Lecture, Kawagoe Prince Hotel, Kawagoe, Saitama, Japan, July 24, 2009.
195. Genesis of mind via gaze – development of body, mind and brain. Workshop for parents, Special invited lecture, Kids Power, Kobe Industrial Development Center, Kobe, Hyogo, Japan, July 25, 2009.
196. Behavioral and neural correlates of visual preference decision making. Kao Symposium on “Mechanism of liking and addiction – understanding in psychological, physiological and behavioral aspects,” Kao Corporation, Sumida, Tokyo, Japan, August 7, 2009.

197. Implicit aspects of human nature – from cognitive & neurobiological perspectives. Symposium on “human nature,” Ars Electronica Art Festival, Lintz, Austria, Sept. 6, 2009.
198. TMS applied to the visual cortex – approaching the Brain-Mind problem. Asian Pacific Computing and Philosophy Annual Meeting, Keynote Speech, International Association for Computing & Philosophy, Tokyo University, Hongo, Bunkyo-ku, Tokyo, Japan, Oct. 2, 2009.
199. Decision making and reward: concerning implicit brain functions. “Mechanisms of Brain and Mind” workshop, Rusutsu Resort, Hokkaido, Japan, Jan. 12, 2010.
200. Behavioral and neural correlates of preference decision making. The National Institute for Physiological Sciences, Okazaki, Aichi, Japan, April 2, 2010.
201. Qualia? - the subjectivity of mind, and the objectivity of behavior/neural correlates. Shinteki jyuku Seminar, Senri Life Science Center, Senri, Osaka, Japan, May 18, 2010.
202. Time paradox in perceptual decision making. In Symposium on “conscious and subconscious decision making.” The Japanese Society of Physiological Sciences Annual Meeting, Morioka, Iwate, Japan, May 19, 2010.
203. Decision making, being active, and freedom - what defines “self”? Osaka University Interdisciplinary Symposium, Osaka, Japan, June 10, 2010.
204. Free will, as a valid illusion. VCASI (Virtual Center for Advanced Studies in Institution) random seminar, Nihon Zaidan Bldg, Tokyo, Japan, July 15, 2010.
205. Decision making - from perception to preference. California Institute of Technology Alumni College, Pasadena, CA, August 27, 2010.
206. Implicit mechanisms underlying decision making - from perception to preference. The Japanese Society of Physiological Sciences, Summer School for Young Physiologists, The Tokyo Medical and Dental University, Ochanomizu, Tokyo, Japan, Sept. 7, 2010.
207. Implicit mechanisms underlying decision making - from perception to preference. Tamagawa-Keio-Caltech gCOE Lecture course, Keio University, Mita, Tokyo, Japan, Sept. 9, 2010.
208. Behavioral and neural correlates of preference decision making - “another person” in self? Grant-in-Aid for Scientific Research on Priority Areas (Behavioral Economics) Summer School, Shinshu University, Matsumoto, Nagano, Japan, Sept. 13, 2010.
209. Qualia? - the subjectivity of mind, and the objectivity of behavior/neural correlates. The Japanese Neural Network Society, Autumn School ASCONE Special Lecture, The Tohoku University, Sendai, Miyagi, Japan, Nov. 2, 2010.
210. Self and others – From the cognitive neuroscience viewpoint. The Waseda University Special Invited Lecture, Ono Memorial Hall, Waseda, Tokyo, Japan, Nov. 9, 2010.
211. The subjectivity of mental experiences, and the objectivity of behavior – concerning “qualia.” The KOKORO no Mirai Center, Kyoto University, Kyoto, Japan, March 3, 2011.
212. Mechanisms of decision making – implicit vs. explicit, passive vs. active. The KOKORO no Mirai Center, Kyoto University, Kyoto, Japan, March 3, 2011.
213. Illusion workshop for kids and parents. Shizuoka Science Museum Ru-Ku-Ru, Shizuoka, Japan, March 6, 2011.
214. Pleasure of sensing, reward with exploration - Possibilities of sciences, museums and arts. Shizuoka Science Museum Ru-Ku-Ru, Shizuoka, Japan, March 6, 2011.

215. Human decision making and behavior, from implicit cognitive processes – preference decision and motivation. Applied Neuroscience Consortium, Keidanren Hall, Tokyo, June 17, 2011.
216. Implicit mechanisms towards liking and preference – positive feedback and creativity. Chuo University Faculty of Letters, Midorikawa Seminar, Hino, Tokyo, June 18, 2011.
217. Implicit mechanisms underlying preference decision making. Kyoto University Medical School, Department of Psychiatry invited seminar, Kyoto, Japan, August 19, 2011.
218. Perception and evolution. “Kokoro no Hiroba” a joint symposium between Kyoto prefecture and “Kokoro no Mirai” Center, Inamori Hall, Kyoto, August 21, 2011.
219. Neural and behavioral correlates of visual preference decision. “Shitsukan” brain informatics, Houkatsu nou joint symposium, Portopia, Kobe, Japan, August 24, 2011.
220. Steps towards my dream come true. Science Communicator Development Program, Lecture & Workshop, Shizuoka Science Museum Ru-Ku-Ru, Shizuoka, Japan, March 6, 2011.
221. Face, gaze and preference – Attractiveness is leaky and implicit. Brown University Department of Neuroscience invited seminar, Providence, RI, September 20, 2011.
222. Consumer psychology and marketing – subconscious neural mechanisms and purchasing decision. NTT data Kitakyushu Innovatin seminar, Nishitetsu Grand Hotel, Fukuoka, Japan, October 28, 2011.
223. Sensory substitution, and the third kind of “*qualia*.” Workshop on science of experimental and qualitative spaces (SEQS) 2, University of Trento, Rovereto, Italy, February 21, 2012.
224. Gaze and Visual Preference/Attractiveness .Tamagawa gCOE Workshop on Gaze and Preference, Tamagawa University Brain Science Institute, Tamagawa Gakuen, Kanagawa, Japan, March 12, 2012.
225. Interpersonal bodily and neural synchrony as a marker of social connectivity. Hokkaido University gCOE “Sociality of Mind” Final Symposium, Gakujuutsu Sogo Center, Chiyoda-ku, Tokyo, Japan, March 17, 2012.
226. Intelligence and environment – concerning the shared reality of sensation and perception. National Institute of Natural Sciences, 12th symposium on “Possibility of Extraterrestrial Intelligence III,” Tokyo International Forum, Marunouchi, Tokyo, Japan, March 20, 2012.
227. Crossmodal interactions - shooting “hidden assumptions -.” Psychology Departmental Seminar, Goldsmith College, University of London, June 18, 2012.
228. Crossmodal interactions - shooting “hidden assumptions -.” International Multisensory Research Forum, 13th Annual meeting Keynote, Oxford University, June 19, 2012.
229. Adventure of vision - concerning plasticity and possibility of visual functions. Japanese Association for Strabismus and Amblyopia 68th Annual Meeting / Japanese Association for Developmental Ophthalmology 37th Annual Meeting, Nagoya International Conference Center, Nagoya, Japan, June 30, 2012.
230. Food and neuromarketing - a new merging area between social and natural sciences. Miyagi University special seminar, Miyagi University Taihaku Campus, Sendai, Miyagi, Japan, July 2, 2012.
231. Crossmodal Interactions - Attention and synchrony. Tokyo Medical & Dental University, Summer intensive lecture course for foreign students, TMDU, Tokyo, Japan, August 28, 2012.

232. Sensory substitution, crossmodal plasticity, and the third kind of “*qualia*.” Tokyo Medical & Dental University, Summer intensive lecture course for foreign students, TMDU, Tokyo, Japan, August 29, 2012.
233. Subjective experience of consciousness and behavior. Japanese Association for Software Sciences, “Emergence of Intelligence from network” Study Group Workshop, Rissyo University Osaki Campus, Tokyo, Japan, August 30, 2012.
234. “Nuclear plants, and implicit cognition” Special lecture series, Kyoto University Kokoro Center, Kyoto, Japan, September 5-7, 2012.
235. Sensory substitution and crossmodal integration - around the brain plasticity. Symposium (with the same title), Japanese Association of Psychology, 76th Annual Meeting, Senshu University Ikuta Campus, September 12, 2012.
236. Interpersonal somatic and neural synchrony - as an indicator of social connections. Japanese Society of Theoretical Psychology 58th Annual Meeting, Symposium on “How can psychology approach to ‘sympathy,’” Bunkyo University Koshigaya Campus, October 28, 2012.
237. Preferences of faces and other objects - What is (not) so special about faces? 43rd NIPS International Symposium on “Face Perception and Recognition,” NIPS, Okazaki, Japan, November 3, 2012.
238. Adventure of vision: Sensory substitution, and multisensory plasticity. Japanese Psychonomic Science Society 31th Annual Meeting, Special Public Lecture, Kyushu University Medical School, Fukuoka, Japan, November 4, 2012.
239. History of the Brain - Across Perception, Imagery and Body. In the seminar series “Archives for Creation” Part 2 “Material and Memory.” Kyoto City University of Arts/ Kyoto Art Center, Kyoto, Japan, November 7, 2012.
240. Sensory substitution, and the third kind of “*qualia*.” ZKMI Neuroaesthetics Symposium, Karlsruhe, Germany, November 23, 2012.
241. Brain and (sub)consciousness - perspectives from implicit/explicit processes. Science Council of Japan, Symposium on “Brain and Consciousness,” Nogizaka, Tokyo, Japan, December 1, 2012.
242. Origins of human color perception - crossmodal integration, and social communication. International Institute for Advanced Studies (IIAS), Symposium on “Evolutionary origins of human mind.” IIAS, Kyoto, Japan, December 6, 2012.
243. Visual awareness, free will and postdiction.” International symposium on Time Studies “Time and Brain – Perception and Consciousness explained by ‘Time.’” Yamaguchi University, Yoshida Campus, Yamaguchi, Japan, December 8.
244. Crossmodal Interactions - Shooting “Hidden Assumptions” -. Special international seminar on “Time and Space in Perception and Action.” Yamaguchi University, Yoshida Campus, Yamaguchi, Japan, December 9.
245. Behavioral and neural correlates of visual preference and attractiveness decision. Invited seminar at Tohoku University Brain Science Center, Tohoku University, Sendai, Japan, December 11, 2012.
246. Crossmodal plasticity and sensory substitution. “Cutting Edge Brain Science Seminar” at Toyama University Medical School, Toyama, Japan, December 14, 2012.
247. Tamagawa University gCOE Open Symposium on “Towards new science of mind,” Gakujyutsu Sogo Center, Chiyoda-ku, Tokyo, Japan, December 16, 2012.

248. Why did it look cheap and safe? - Cognitive biases in group decision regarding energy economy and safety - Hiroshima University Phenix Leader Education Program for Renaissance from Radiation Disaster, International symposium on “Suggestion for the Renaissance from Radiation Disaster,” Hiroshima University, Horishima, Japan, February 10, 2013.
249. Cultural differences, implicit cognitive processes, and safety of nuclear energy. Invited seminar at Department of Language and philosophy, Pomona College, Pomona, California, February 21, 2013.
250. Sensory substitution, and the third kind of “qualia.” Invited seminar at Media Design Practices, Art Center College, Pasadena, CA, February 22, 2013.
251. Passive vs. active decision making - from crossmodal perception and visual preference judgment. Tamagawa-Caltech gCOE joint lecture course, Waikoa Beach Marriot Hotel, Hawaii Island, March 5, 2013.
252. Steps towards my dream. In a invited lecture series on “How to live through the era of globalization,” University of Tokyo Komaba Campus, Tokyo, May 20, 2013.
253. Neural mechanisms underlying paradoxical performance for monetary incentives are driven by loss aversion. Symposium on “Social Neuroscience - social signals and decision making,” Japanese Association for Neuroscience Annual Meeting, Kyoto International Convention Center, June 22, 2013.
254. Crossmodal integration, sensory substitution, and brain plasticity. An invited seminar at Department of Psychology, Chyukyo University, Yagoto, Nagoya, Japan, June 24, 2013.
255. Sensory substitution and plasticity of the brain. Toshiba Development & Research Center, Kawasaki, Kanagawa, Japan, June 26, 2013.
256. Visual awareness, preference and gaze. Asian Pacific Conference on Vision Annual Meeting, Invited special historical talk, Suzhou, China, July 6, 2013.
257. Department of Psychology, East China Normal University, Shanghai, China, July 12, 2013.
258. Mechanisms of motivation, and the modern society - the new type of depression, a precursor of mental disease? Chuo Seisaku Kenkyujo, Iidabashi, Tokyo, Japan, July 26, 2013.
259. Prediction, postdiction and awareness. Sakigake Symposium on “Time” Fukutake Hall, University of Tokyo, Hongo, Tokyo, Japan, September 15, 2013.
260. Dialogue with Dai Tamesue (1): “Into the flow: playing, engrossed, and in the zone” Kyoto University Kokoro Research Center, October 112, 2013.
261. Dialogue with Dai Tamesue (2): “Can one control one’s own mind: the origin of motivation” Kyoto University Kokoro Research Center, February 1, 2014.
262. Brain, body and design. Invited lecture, Shizuoka Univ. Art & Culture, Hamamatsu, Shizuoka, Japan, February 3. 2014.
263. Dialogue with Dai Tamesue (3): “Myself whom I do not know: Implicit processes and feeling” Kyoto University Kokoro Research Center, February 21, 2014.
264. Implicit Mind, and Sympathy. Lecture to, and Dialogue with Dalai Lama the 14th, Hotel Otani Kyoto, Kyoto, April 12, 2014.
265. Addressing the mystery of the “Illusion Screen.” Shizuoka Science Museum “RU • KU • RU” Special Event Talk, Shizuoka, April 19. 2014.
266. Behavioral and neural correlates of preference decision. Interdisciplinary symposium on decision neuroscience, 4th Annual Meeting, Stanford University, June 7, 2014.

267. Prediction, Postdiction and Awareness. Symposium on “A robot who finds self in others - Constructive understanding of consciousness dynamics based on synchrony and asynchrony” Division of Cognitive Neuroscience Robotics, Institute for Academic Initiatives, Osaka University Suita Campus, Osaka, Japan, June 23, 2014.
268. Crossmodal Perception, and Sensory-motor functions (1). A special lecture at Department of Adaptive Machine Systems, Graduate School of Engineering, Osaka University, Suita Campus, Osaka, Japan, June 24, 2014.
269. Being “social” - Interpersonal body and neural synchronization as a marker of implicit social interaction. Symposium on “Implicit processes and mental diseases” at The Japanese Society of Psychiatry & Neurology 10th Annual Meeting, PACIFICO YOKOHAMA, Yokohama, Japan, June 27, 2014.
270. Three distinctive levels of social brain. A keynote at the Japanese Society of Social Psychology 55th Annual Meeting, Hokkaido University, Sapporo, Hokkaido, Japan, July 27, 2014.
271. A commentary on perceptual subtization. At the joint workshop of social psychology & neuroethology on “Making of humanities - biological roots of mathematics & cooperativity.” Hokkaido University, Sapporo, Hokkaido, Japan, July 28, 2014.
272. Crossmodal Perception, and Sensory-motor functions (2). A special lecture at Department of Adaptive Machine Systems, Graduate School of Engineering, Osaka University, Suita Campus, Osaka, Japan, August 5, 2014.
273. What is so (un)interesting about baby science? An invited seminar at The Japanese Society of Baby Science, Annual summer workshop, Shirahama-so Annex, Ohmi, Shiga, Japan, September 7, 2014.
274. Does “free will” exist? An invited lecture at the Yokohama Modern Art festival TRIENNALE, Yokohama Museum of Art, Yokohama, Kanagawa, Japan, September 11, 2014.
275. Postdiction, and perceptual awareness. An invited departmental seminar, Department of Psychology, University of California Riverside, Riverside, California, October 29, 2014.
276. Postdiction, and perceptual awareness. An invited departmental seminar, Department of Psychology, University of California Berkeley, Berkeley, California, November 3, 2014.
277. Postdiction, perceptual awareness, and “free will.” International symposium on “Cognitive neuroscience robotics.” Osaka University Hall, Toyonaka Campus, Osaka, Japan, December 11, 2014.
278. Postdiction, perceptual awareness, and “free will.” An invited seminar at Kozo Keikaku Engineering Inc., Shin Nakano, Tokyo, Japan, March 2, 2015.
279. Implicit processes in the brain, and the “postdiction.” An invited seminar & workshop at the ISIS FESTA, Editorial Engineering Laboratory, Setagaya, Tokyo, Japan, March 3, 2015.
280. Postdiction, and perceptual awareness. An intensive course on “The mystery of mind: from genetics to brain, and to subjective mind.” (with profs. Shinobu Kitayama & Atsushi Iriki), Kyoto University KOKORO research center, Kyoto, Japan, March 4, 2015.
281. Qualia? and shared reality : speculating from sensory substitution. An intensive course on “The mystery of mind: from genetics to brain, and to subjective mind.” (with profs. Shinobu Kitayama & Atsushi Iriki), Kyoto University KOKORO research center, Kyoto, Japan,

- March 4, 2015.
282. The implicit brain process, and neuro marketing : concerning consumer behavior of eating and drinking. An invited seminar at Santory Yamazaki Research Laboratory, Yamazaki, Kyoto, Japan, March 6, 2015.
 283. Illusion: Psychological reality of cognition and body. An invited opening lecture, Kyoto International Modern Art Festival “Parasophia” Kyoto Modern Art Museum, March 7, 2015.
 284. The near future of human, brain, and society. Presented at The committee for Information & Communication Technology 2nd meeting, Ministry of Internal Affairs and Communications, Otemachi, Chiyoda-ku, Tokyo, Japan, March 10, 2015.
 285. Face, gaze and preference. An invited departmental seminar, Department of Psychology, Stanford University, Stanford, California, March 16, 2015.
 286. Postdiction, and perceptual awareness. Vision Lunch seminar, Department of Psychology, Stanford University, Stanford, California, March 17, 2015.
 287. Panel discussant in Symposium on Children and Robots, Osaka University Hall, Osaka, September 7, 2015.
 288. Visual Preference : inside & outside factors. An invited seminar at National Taiwan University of Science and Technology, Division of Graphic Design. Taipei, Taiwan, January 18, 2016.
 289. What is "originality"? And how to prepare for it. An invited lecture and workshop at National Taiwan University of Science and Technology, Division of Graphic Design. Taipei, Taiwan, January 18, 2016.
 290. Can a robot have consciousness? – embodied intelligence, and “personal history.” A symposium on “Challenges to Future - standing on the new stage” by Toyohashi University of Technology and Science, (participated as one of the organizers and a speaker in Part 2: “Future of Artificial Intelligence: Can a machine have consciosness?”), MY PLAZA Hall, Marunouchi, Tokyo, January 21, 2016.
 291. Multisensory interactions and plasticity – Shooting “hidden assumptions.” Invited seminar at Department of Neuroscience, Karolinska Institute, Stockholm, Sweden, June 2, 2016.
 292. What TMS can(not) prove - lessons from its applications to the visual cortex. Invited seminar at Institute of Neuroscience, Chinese Academy of Sciences, Shanghai, June 15, 2016.
 293. Human magnetoreception - An EEG approach. HFSP annual grant recipients meeting (a poster), Matrix Biopolis, Singapore, July 12 (11-13), 2016.
 294. Postdiction, and perceptual awareness. Invited seminar at Duke-National University of Singapore Medical School, Singapore, July 13, 2016.
 295. Postdiction - Its implications on Perceptual Awareness and sense of agency. Japanese Society for Neuroscience 39th Annual Meeting, Japan-Canada joint symposium on “science of consciousness,” Pacifico Yokohama, Yokohama, Kanagawa, July 21, 2016.
 296. Sensory substitution, and the third kind of “qualia.” Satellite symposium (to the Japanese Society for Neroscience 39th Annual Meeting) on “the origin of consciousness,” ELSI at Tokyo Instittue of Technology Ookayama, Tokyo, July 26(25-26), 2016.
 297. Choking under pressure, and the “flow” - their neural correlates identified. Symposium on “Elucidating and shaping the athletic brain: Synergy of cognitive neuroscience,

- information technology, and athletic experience. 31st International Congress of Psychology, Pacifico Yokohama, Yokohama, Kanagawa, July 27(24-29), 2016.
298. Is the mind isolated? - possibilities and limitations of experimental psychology of development. Nakayama Foundation for Promotion of Human Sciences; Quarter-century Anniversary Symposium on “The second-person approach in human sciences.” Gakushi Kaikan, Kanda, Tokyo, October 29, 2016.
 299. Postdiction and Perceptual Awareness. Plenary lecture at Society for Neuroscience Annual Meeting, San Diego Conference Center, San Diego, November 16 (12-16), 2016.
 300. Nobel Prize Dialog Tokyo 2017. An invited discussant in a session: “Human and AI.” Tokyo International Forum, February 26, 2017.
 301. Impacts of the Artificial Intelligence Era - job, life style, and entertainment. Cooperation Council for Professional Career-up, symposium on “creation of commercial products and talents in the Artificial Intelligence Era.” Hotel Arc Riche, Toyohashi, Aichi, February 28, 2017.
 302. Gaze and pupil both reflect and affect visual preference. Gordon Research Conference on Eye Movements: The Oculomotor System as Model of Mind and Brain (Session: Guidance of Eye Movements by Value and Reward), Bates College, Lewiston, Maine, July 10, 2017.
 303. Facial preference, gaze/pupil, and interpersonal synchrony - How are they related? In a Symposium on “attractiveness and bodily interactions at implicit levels - reading social evaluation from eyes and/or bodily interactions” (Symposium co-organizer, and a speaker). Asian Pacific Conference for Vision annual meeting, National Cheng Kung University, Tainan, Taiwan, July 15, 2017.
 304. Modern society as a blackbox. (in Japanese) Kyoto University KOKORO Research Center, Kyoto, July 29, 2017.
 305. Concerning placebo effect. Santory Research & Development Center, Keihanna, Japan, July 31, 2017.
 306. Postdiction and perceptual awareness. Award lecture (Special Award for International Contribution, Japanese Psychological Association, 2016). Kurume Civic Center, Kurume, Kyushu, Japan, September 22, 2017.
 307. What is so wrong with “qualia” (and related concept)? A workshop on “mechanisms of consciousness in the brain,” Okazaki National Institute for Physiological Sciences, September, 26, 2017.
 308. Body, act and self - formation of multisensory “self” and the egocentric perspective of perception. Naito Conference on “Decision making in the brain? Motivation, prediction, and learning (session vcoordinator and a speaker, in a section titled: Body, action and self.). CHATERAISE Gateaux Kingdom, Sapporo, Hokkaido, Japan, October 10, 2017.
 309. Can mind change body? - concerning placebo effect, and self-fulfilling prophecy. Special lecture at Kyoto University KOKORO center, Kyoto, October 13, 2017.
 310. Can mind change body? - concerning placebo effect, and self-fulfilling prophecy. 16th symposium on human-health-future, “Intricate relationship between body and mind.” Ishikawa Prefecture Bunkyo Hall, Kanazawa, Ishikawa, Japan, October 15, 2017.
 311. Postdiction and perceptual awareness. A special lecture in “Subjectivity” (a course in Ophthalmology), University of California Berkeley, Berkeley, California, November 2, 2017.
 312. Design and creativity. National Taiwan University of Science and Technology (Department of Design), Taipei, Taiwan, November 17, 2017.

313. Interpersonal flow, and its neural correlates. Invited seminar at Tamagawa University Brain Science Institute, Tamagawa University, Machida, Tokyo, March 1, 2018.
314. Sensory substitution and multisensory plasticity of the brain. Special Plenary Lecture at 20th Annual Meeting of Japan Human Brain Mapping Society, Shinyokohama, Kanagawa, Japan, March 2, 2018.
315. Can machines go beyond humans? - Consciousness, ethics, and creativity. Future University Hakodate Open Lecture, October 1, 2018.
316. Can machines go beyond humans? - Consciousness, ethics, and creativity. Toyota R Forum on “Design of intelligent systems cooperating with people and society (Toyota Konpon and Chuo Research Institutes), Midland Hall, Nagoya, Aichi, Japan, October 17, 2018.
317. Human Intention and Agency - Neuroscience and philosophy collaboration. Chen Neuroscience Research Institute, California Institute of Technology, Workshop on “Free will and decision making.” California Institute of Technology, Pasadena, CA, December 1, 2018.
318. Can machines go beyond humans? - Consciousness, ethics, and creativity. Iwate University Faculty of Science & Engineering, Morioka, Iwate, Japan, February 12, 2019.
319. Vision when input is impoverished: postdiction, implicit processing, and extreme-periphery. Tohoku University Research Institute of Electric Communication, Joint project workshop on Understanding the brain mechanisms of “mind.” Tohoku University Katahira Campus, Sendai, Miyagi, Japan, February 15, 2019.
320. Can machines go beyond humans? - Consciousness, ethics, and creativity. Japanese Association for National Science Publication, Jimbo-cho, Tokyo, April 21, 2019.
321. Social brain, social body. University of Tokyo International Research Center for Neurointelligence, Keynote at Kickoff retreat, Yugawara, Kanagawa, Japan, June 9, 2019.
322. Implicit senses and cognition - psychophysical tools. Invited seminar at Huntington Medical Research Institute, Pasadena, CA, USA, June 25, 2019.
323. Where does “super evolution” of technology bring the human? Panel discussion as the opening event of Kyoto Ceramics Minato Mirai Research Center, Yokohama, Kanagawa, Japan, July, 26, 2019.
324. Implicit processes are dynamic and interactive. In a symposium “On the border of implicit and explicit processing.” The Asia Pacific Conference on Vision (APCV), Osaka, Japan, July 29-31, 2019.
325. Implicit brain functions, and a possibility of Inverse Translational Sciences. An invited lecture at SONY Corp., Shinagawa, Tokyo, August 7, 2019.
326. Multisensory interactions and plasticity – Shooting hidden assumptions, revealing postdictive aspects. IS&T International Symposium on Electronic Imaging 2020, Human Vision and Electronic Imaging 2020, Burlingame, California, January 30, 2020.
327. Consciousness radio (panelist). <https://www.youtube.com/watch?v=JMnEuYsm3a4>. June 12, 2020. Organized by Monash Univ. consciousness group.

V. Translations (into Japanese language)

1. Neuropsychology of Left-Handedness. Herron J. (Ed.), *Academic Press*, 1980. Kondo, K. and Sugishita, M. (eds./trans.), Nishimura Syoten, 1993.

2. Mental imagery and the visual system. Finke, R.A. *Scientific American*, 254, 76-83, 1986. Science (Japanese edition of Scientific American), May Issue, 102-112. Nikkei Science Sya, Tokyo.
3. Geldard and Sherrick, The “cutaneous rabbit” phenomena. *Science*, September Issue, 94-101, Nikkei Science Sya, Tokyo.
4. Berkeley, G. (1709) An Essay Towards A New Theory of Vision. Shimojo, S., Ichinose, M. and Uemura, T. (trans.), *Keisou Syobo*, 1990.
5. Libet, B. (2004) Mind Time – The Temporal Factor in Consciousness. Iwanami Shoten, 2005. Revised for pocket

VI. Exhibitions and other out-reaching activities

1. Tanaka, N. and Shimojo, S. “Art & Science: Explore Reality” Exhibition, Tokyo Design Center, September 4 - November 10, 1993. (Workshop for children, during the period)
2. Summer camp for handicapped children “Ganbare Kyouwa-koku”, Multi-media Exhibition for the handicapped and medicine (National Children’s Hospital), the eye interactive system “Eye Contact.” Yamanakako Lakeside Fuji Young Center, Yamanashi, August 26 - 28, 1994.
3. Virtual Reality Expo’94 Exhibition, the eye interactive system “Eye Contact” Nagoya International Convention Center, October 11 -14, 1994.
4. The National Museum of Science & Technology (Tokyo) 1996- Exhibition, General scientific/educational director.
5. Renaissance Generation - Arts & Sciences (annual interdisciplinary event supported by Kanazawa Institute of Tecnology). Noriyuki Tanaka and Shinsuke Shimojo, 1997- (continued).
6. The Illusion Live 2000. The National Museum of Science and Technology, Tokyo, Japan, August 19, 2000.
7. The Illusion Live 2000. Kanazawa Institute of Technology, August 21, 2000.
8. Asahi Shimbun (Newspaper) Essay series "Human Sciences 21" (bimonthly) June 2003 – February 2005.
9. Shizuoka Children’s Science Museum “Ru-Ku-Ru”, Shizuoka, 2004-, General Science Director.
10. Eye, hand and brain – Illusions and Neuroscience: Lecture and workshop for science teachers. Exploratorium/SEPA program (jointly with Caltech Biology Division), Exploratorium, San Francisco, March 11, 2006.
11. Close Encounter – Illusions where science meets art: Shinsuke Shimojo's work in collaboration with National Taiwan University. March 17- April 16, 2007.
12. AFTERIMAGE. Art exhibition in collaboration with Elizabeth Tobias and Shana Mabari. L2K Gallery, China Town, Los Angeles, October 17- November 14, 2009.
14. SEE THRU. Science-Art exhibition in collaboration with the Los Angeles Artist Association (825 Gallery, LA, Jun-Aug 2010; ICON, LA, Nov-Dec 2010).

VII. Awards

1. Japanese Society of Cognitive Science, The best presentation award in division of pattern recognition and modeling of perception (on modules and levels in visual system), July, 1991.
2. Santory Prize for Publication in Social Sciences and Humanities, Nov. 1999.
3. Japanese Neuroscience Society, Tokizane Memorial Award (on discovery of new perceptual phenomena related to visual contours and surfaces, as well as investigation of the underlying neural mechanisms), July, 2004.
4. Japanese Society of Cognitive Science, The "most creative study" award, June 2008.
5. Nakayama Grand Prix (for "significant contributions to science of emotion"; sponsored by Nakayama Press, Japan), August 2008.
6. Special Award for International Contribution, Japanese Psychological Association, November, 2016.

VIII. Patents

1. Illusion Generating System. Serial Number: 13/477,286 Filed: 5/22/2012. Patent Number: 8,628,426 Issued: 1/14/2014. CIT File Number: 4724-D. Inventor: Shinsuke Shimojo
2. Remote Activation of the Midbrain by Transcranial Direct Current Stimulation of Prefrontal Cortex. Filed: 6/26/2013, CIT File Number: 6596. Inventors: Vikram Chib; Kyongsik Yun; Hidehiko Takahashi; Shinsuke Shimojo.