

Ikuma Adachi Ph.D.

Center for International Collaborations and Advanced Studies in Primatology (CICASP)
Primate Research Institute, Kyoto University
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EDUCATION AND TRAINING

2010(Apr):-

Assistant Professor: Center for International Collaboration and Advanced Studies in Primatology, Primate Research Institute, Kyoto University, Aichi, Japan.

2009(Jan):-

Program-Specific Assistant Professor: Primate Research Institute, Kyoto University, Aichi, Japan.
Lab: Section of Language and Intelligence

2008(Apr)-2008(Dec):

Postdoc fellow: Primate Research Institute, Kyoto University, Aichi, Japan.
Lab: Section of Language and Intelligence
Supervisor: Dr. Tetsuro Matsuzawa

2006(Apr)-2008(Mar):

Postdoc fellow: Yerkes Primate Research Center, Emory University, GA, USA.
Lab: Laboratory of Comparative Primate Cognition
Supervisor: Dr. Robert R. Hampton

2006(Mar):

Ph.D. Psychology, Graduate School of Letters, Kyoto University, Kyoto, Japan
Lab: Laboratory of Comparative Cognitive Science
Supervisor: Dr. Kazuo Fujita

2003(Mar):

M. A. Psychology, Graduate School of Letters, Kyoto University, Kyoto, Japan
Lab: Laboratory of Comparative Cognitive Science
Supervisor: Dr. Kazuo Fujita

2001(Mar):

B. S. Psychology, Faculty of Letters, Kyoto University, Kyoto, Japan
Lab: Laboratory of Comparative Cognitive Science
Supervisor: Dr. Kazuo Fujita

FUNDING AWARDED

Research grants

2013-2015:

Japan Society for Promotion of Science, Grant-in-Aid for Young Scientists (B): 2013-2015 (***PI; 3.1 million yen for 3 years***)

2012-2013:

Ministry of Education, Culture, Sports, Science and Technology (MEXT), Grant-in-Aid for Scientific Research on Innovative Areas, "Face perception and recognition" (***PI; 7 million yen for 2years***)

2012-2016:

Ministry of Education, Culture, Sports, Science and Technology (MEXT), Grant-in-Aid for Specially promoted Research with PI Tetsuro Matsuzawa and co-PIs Misato Hayashi, Shinya Yamamoto, Masayuki Tanaka, Satoshi Hirata: (***co-PI; 98.8 Million yen for the first year and similar to the second year on for the project (but not fixed)***)

2011-2015:

Ministry of Education, Culture, Sports, Science and Technology (MEXT), Grant-in-Aid for Scientific research (S) with PI Masaki Tomonaga and co-PIs Misato Hayashi, Tomoko Imura, Masayuki Tanaka, Tadamichi Morisaka, Fumio Nakahara: (***co-PI; 46.15 Million yen for the first year and similar to the second year on for the project (but not fixed)***)

2011-2012:

Ministry of Education, Culture, Sports, Science and Technology (MEXT), Grant-in-Aid for Scientific Research on Innovative Areas, "Face perception and recognition" (***PI; 6.76 million yen for 2years***)

2010-2012:

Japan Society for Promotion of Science, Grant-in-Aid for Young Scientists (B): 2010-2012 (***PI; 3.38 million yen for 3 years***)

2009-2010:

Ministry of Education, Culture, Sports, Science and Technology (MEXT), Grant-in-Aid for Scientific Research on Innovative Areas, "Face perception and recognition": (***PI; 6.5 million yen for 2 years***)

Fellowships

2008-2011:

Japan Society for the Promotion of Science, Postdoctoral Research Fellowships: (***13.1 million yen with research grant of 2.1 million yen for 3 years***)

2006-2008:

Japan Society for the Promotion of Science, Postdoctoral Research Fellowships for Research Abroad: (***10.5 million yen for 2 years***)

2003-2006:

Japan Society for the Promotion of Science, Research Fellowships: (***7.2 million yen (c.a. 94,000 USD) with research grant of 2.7 million yen for 3 years***)

PUBLICATIONS

PEER REVIEWED PAPERS

1. Dahl DC*, **Adachi I*** (2013). Conceptual metaphorical mapping in chimpanzees (Pan troglodytes), *eLife*, 2, <http://dx.doi.org/10.7554/eLife.00932>
*Co-corresponding Authors
2. Dahl DC*, Rasche, MJ, Tomonaga M, **Adachi I*** (2013). The face inversion effect in non-human primates revisited - an investigation in chimpanzees (Pan troglodytes), *Scientific Reports*, 3: 10.1038/srep02504
*Co-corresponding Authors
3. Imura, T, **Adachi, I**, Hattori, Y, Tomonaga, M (2013). Perception of the motion trajectory of objects from moving cast shadows in infant Japanese macaques (Macaca fuscata), *Developmental Science*, Volume 16, Issue 2, pages 227–233, March 2013.
4. Dahl, DC.*, Rasch, MJ., Tomonaga, M., **Adachi, I.*** (2013). Developmental processes in face perception, *Scientific Reports*, 3: doi:10.1038/srep01044.
*Co-corresponding Authors
5. Ludwig, V.*, **Adachi, I.***, Matsuzawa, T. (2011). Can you see sounds? Chimpanzees associate high auditory pitch with visual lightness. *Proceedings of the National Academy of Sciences*, 108 (51) 20661-20665
* Co-first authors and Co-corresponding authors
6. **Adachi, I.**, Hampton, RR. (2011). Rhesus monkeys see who they hear: Spontaneous cross-modal memory for familiar conspecifics. *PLoS ONE*, 6(8): e23345. doi:10.1371/journal.pone.0023345.
7. **Adachi, I.**, Anderson, JR., Fujita, K. (2011). Reverse-Reward Learning in squirrel monkeys (Saimiri sciureus): Five-Year Assessment, and Tests for Qualitative Transfer. *Journal of Comparative Psychology*, 125, pp. 84-90.
8. **Adachi, I.** (2010). Primate Origins of social cognition: Cross-modal representations as a new window. *Shinrigaku-Hyoron (Psychological Review)*, 53, pp.441-454. **(in Japanese with English Summary)**
9. Paxton, R., Basile, BM., **Adachi, I.**, Suzuki, WA., Wilson, ME., Hampton, RR. (2010) Rhesus monkeys (Macaca mulatta) rapidly learn to select dominant individuals in videos of artificial social interactions between unfamiliar conspecifics. *Journal of Comparative Psychology*, 124, pp. 395-401.
10. Shirai, N., Imura, T., Hattori, Y., **Adachi, I.**, Ichihara, S., Kanazawa, S., Yamaguchi, KM., Tomonaga, M. (2010) Asymmetric perception of radial expansion/contraction in Japanese macaque (Macaca fuscata) infants. *Experimental Brain Research*, Volume 202, pp. 319-325.
11. **Adachi, I.**, Chou, DP., Hampton, RR. (2009)
Thatcher effect in monkeys demonstrates conservation of face perception across primates. *Current Biology*, Volume 19, Issue 15, pp. 1270-1273.
12. **Adachi, I.** (2009). Cross-modal representations in primates and dogs: A new framework of recognition of social objects. *Intracation Studies*, Volume 10, Issue 2, pp. 225-251.

13. **Adachi, I.**, Kuwahata H., Fujita, K., Tomonaga M., Matsuzawa T. (2009). Plasticity of ability to form cross-modal representations in infant Japanese macaques. *Developmental Science*, Volume 12, Issue 3, pp.446-452.
14. **Adachi, I.** Fujita, K. (2007). Cross-modal representation of human caretakers in squirrel monkeys. *Behavioural Processes*, Volume 74, Issue 1, pp. 27-32.
15. **Adachi, I.**, Kuwahata, H., Fujita, K. (2007). Dogs recall owner's face upon hearing owner's voice. *Animal Cognition*, Volume 10, Issue 1, pp. 17-21.
16. **Adachi, I.**, Kuwahata, H., Fujita, K., Tomonaga, M., Matsuzawa, T. (2006). Japanese macaques form a multi-modal representation of their own species in their first year of life. *Primates*, Volume 47, Issue 4, pp. 350-354.
17. Miyata, H., Ushitani, T., **Adachi, I.**, Fujita, K. (2006). Performance of Pigeons (*Columba livia*) on Maze Problems Presented on the LCD Screen: In Search for Preplanning Ability in an Avian Species. *Journal of Comparative Psychology*, Volume 120, Issue 4, pp. 358-366.
18. **Adachi, I.**, Fujita, K. (2005). Categorical discrimination of human faces from the other body parts in pigeons. *Japanese Journal of Animal Psychology*, Volume 55, Issue 2, pp. 49-57. **(in Japanese with English Summary)**
19. Kuwahata, H., **Adachi, I.**, Fujita, K., Tomonaga, M., Matsuzawa, T. (2004). Development of schematic face preference in macaque monkeys. *Behavioural Processes*, Volume 66, issue 1, pp. 17-21.
20. Kuroshima, H., Fujita, K., **Adachi, I.**, Iwata, K., Fuyuki, A. (2003). A Capuchin monkey (*Cebus apella*) recognizes when people do and do not know the location of food. *Animal Cognition*, Volume 6, pp. 283-291.

NON-REVIEWED CONTRIBUTIONS TO JOURNALS

21. **Adachi, I.** (2010). Another new step of Zoos. *Hattatsu (Development)*, 122, pp. 98-106. **(in Japanese)**
22. **Adachi, I.** (2009). First contact with apes. *Kagaku (Science)*, 79, pp. 222-223. **(in Japanese)**

CONTRIBUTIONS TO BOOKS

1. **Adachi, I.** (2010). New directions of the zoos. *Ikimonotatchino tsuzureori (3) (World of living natures (3))*, GCOE team for "Creating new research bases on Bio-Diversity and Evolution of lives" (Ed), pp. 147-148. **(in Japanese)**
2. **Adachi, I.** (2009). How non-human primates see faces? *Atarashii Reityouruigaku (New Primatology)*, Kyoto University Primate Research Institute (Ed), pp. 201-205. **(in Japanese)**
3. **Adachi, I.**, Fujita, K., Kuwahata, H., Ishikawa, S. (2003). Visual perception of biological motion in infant macaques. *Cognitive and behavioral development in chimpanzees A comparative approach*, Tomonaga, M., Tanaka, M., Matsuzawa, T. (eds) pp. 333-336. **(in Japanese)**

4. Kuwahata, H., Fujita, K., Ishikawa, S., **Adachi, I.**, Tomonaga, M., Kato, Y., Matsubayashi, N., Kamanaka, H., Matsuzawa, T. (2003). Recognition of face-like figure in infant macaques. *Cognitive and behavioral development in chimpanzees A comparative approach*, Tomonaga, M., Tanaka, M., Matsuzawa, T. (eds) pp. 337-342. **(in Japanese)**

ORAL PRESENTATIONS

Invited Talks

1. **Adachi, I.** Cross/Intra modal correspondences in Chimpanzees. IIAS Research Conference 2012, Evolutionary Origins of Human Mind, Kyoto, Japan, Dec 3-6, 2012
2. **Adachi, I.** Social Recognition in Nonhuman Primates. International Conference, Looking Within: Interdisciplinary Approaches to Consciousness, Bangalore, India, Jan 5-7, 2012
3. **Adachi, I.** Social recognition in rhesus macaque. Symposium of Science Council of Japan (Psychology/Pedagogy Committee), Kyoto 2011, Kyoto University, 19 Feb, 2011 **(In Japanese)**
4. **Adachi, I.** Comparative cognitive approach on processing of multimodal information. Special Symposium of Japanese Cognitive Science Society, Tokyo, Waseda University, 11, Dec, 2010 **(In Japanese)**
5. **Adachi, I.** Chimpanzee studies in the lab and the zoo, International Primatological Society XXIII Congress Kyoto 2010, Kyoto University, 12-18, Sep, 2010
6. **Adachi, I.** & Hampton, RR. Auditory-visual individual recognition in rhesus macaques (*Macaca mulatta*), *15th BIENNIAL SCIENTIFIC MEETING OF THE INTERNATIONAL SOCIETY FOR COMPARATIVE PSYCHOLOGY*, 19-21, May, 2010
7. **Adachi, I.**, Ludwig, V., & Matsuzawa, T. Direct comparison between humans and chimpanzees for their pitch-luminance mapping, *HOPE-GM INTERNATIONAL SYMPOSIUM "HOPE-GM LECTURES ON PRIMATE MIND and SOCIETY"*, Kyoto, 22-23, Mar, 2010
8. **Adachi, I.** Auditory-visual Cross-modal Representations of Familiar Conspecifics in Rhesus Macaques. *The 3rd International Congress on the Future of Animal Research*, Bangkok, 19-22, Nov, 2009
9. **Adachi, I.** Cross-modal representations of familiar conspecifics in rhesus macaques. *The International Symposium on Comparative Cognitive Science 2008 "Primate origins of human mind"*, Kyoto, 28-30, May, 2008
10. **Adachi, I.** Cross-modal representation in nonhumans. Workshop in Japanese Cognitive Science Society, 29-31, July, 2005 **(In Japanese)**

Others

11. **Adachi, I.**, Chou, D., Hampton, RR. Thatcher effect demonstrates configural processing of upright faces by rhesus monkeys. *Annual International Conference on Comparative Cognition*, Florida, 19-23,

March, 2008.

12. **Adachi, I.** Hampton RR. Individual recognition in rhesus macaques (*Macaca mulatta*). *The 67th annual conference on Japanese Society for Animal Psychology*, Tokyo, Waseda University, October, 2007. **(in Japanese)**
13. Watanabe, S., **Adachi, I.**, Fujita, K. Is pigeon judgment influenced by the surrounding stimuli? *International Ethological Conference*, Halifax, August, 2007.
14. Watanabe, S., **Adachi, I.**, Fujita, K. How do pigeons recognize the length of a line in a frame?: Absolute vs. relative judgments. *The 65th annual conference on Japanese Society for Animal Psychology*, Chiba Univ., October, 2005. **(in Japanese)**
15. **Adachi, I.**, Kuwahata, H., Fujita, K., Tomonaga, M., Matsuzawa, T. Infant Japanese macaques form a multi-modal representation of their own species in their first year of life. *International Ethological Conference*, Budapest, August, 2005.
16. Miyata, H., **Adachi, I.**, Fujita, K., Ushitani, T. Mental rehearsal ability in pigeons (*Columba livia*) assessed by a maze task. *International Ethological Conference*, Budapest, August, 2005.
17. **Adachi, I.** Cross-modal representations in non-human animals. *The 22th annual conference of Japanese Cognitive Science Society*, Workshop X-2, July, 2005. **(in Japanese)**
18. **Adachi, I.** Cross-modal representation in squirrel monkeys. *Annual International Conference on Comparative Cognition*, Florida, March, 2005.
19. **Adachi, I.** Cross-modal representation in monkeys. *The 3rd HOPE International workshop "Comparative Cognitive Science: Recent topics of avian and primate species"*, Kyoto, March, 2005.
20. **Adachi, I.**, Fujita, K. Cross-modal social category in monkeys and dogs. *The 2nd International Workshop for Young Psychologists on Evolution and Development of Cognition by 21st Century COE Program*, Kyoto, November, 2004.
21. **Adachi, I.**, Fujita, K. Cross-modal representation of human caretakers in squirrel monkeys. *The 64th annual conference on Japanese Society for Animal Psychology*, Osaka Chuo Koukaido, August, 2004. **(in Japanese)**
22. Miyata, H., Ushitani, T., **Adachi, I.**, Fujita, K. Mental rehearsal ability in Pigeons assessed by maze task. *The 64th annual conference on Japanese Society for Animal Psychology*, Osaka Chuo Koukaido, August, 2004. **(in Japanese)**
23. **Adachi, I.**, Kuwahata, H., Fujita, K., Tomonaga, M., Matsuzawa, T. Recognition of their own species in infant Japanese macaques. *The 63rd annual conference on Japanese Society for Animal Psychology*, International Congress Center, Tsukuba, October, 2003. **(in Japanese)**
24. **Adachi, I.**, Fujita, K. Categorization in squirrel monkeys. *The 62nd annual conference on Japanese Society for Animal Psychology*, Doushisya Univ., August, 2002. **(in Japanese)**

25. Kuroshima, H., Fujita, K., **Adachi, I.**, Iwata, K., Fuyuki, A. Tufted capuchin monkeys (*Cebus apella*) understand the relationship between seeing and knowing. *The 2nd International Symposium on Comparative Cognitive Science*, Kyoto and Inuyama, February, 2002.
26. **Adachi, I.**, Fujita, K. How do pigeons categorize human faces. *The 61st annual conference on Japanese Society for Animal Psychology*, Kansai-gakuin Univ., September, 2001. (in Japanese)

POSTER PRESENTATIONS

1. **Adachi, I.** Thatcher Illusion in Chimpanzees. *Annual meeting of Japanese Psychology Association*, Tokyo, Nihon University, 15-17, Sep, 2011 (**in Japanese**)
2. **Adachi, I.**, Ludwig, V., Matsuzawa, T. Cross-modal correspondence between pitch and luminance in Chimpanzees, *Annual meeting of the Japanese Society for Animal Psychology*, Tokyo, Keio University, 8-11, Sep, 2011 (**in Japanese**)
3. **Adachi, I.**, Tomonaga, M., Matsuzawa, T. Development of configural processing of faces in Japanese macaques. *Annual meeting of the Primate Society of Japan*, 16-18, July, 2011 (**in Japanese**)
4. **Adachi, I.**, Tomonaga, M., Matsuzawa, T. Development of face perception in Japanese macaques. *Annual meeting of the Japanese Society of Baby Science*, Gifu, Chubu University, 7-8, May, 2011 (**in Japanese**)
5. **Adachi, I.** Comparative Cognitive approaches on face perception -Thatcher illusion as a window-. Primate Research Institute, Kyoto University, *Symposium of Cooperative Research Program 2010*, Aichi, 18-19, Dec, 2010 (**in Japanese**)
6. Mizuno, K., Chaya, K., Imanishi, T., **Adachi, I.** Comparison of behavioral repertoire of Asian and African elephants in captivity. *Annual meeting of SAGA "Support for African / Asian Great Apes"*, Kanagawa, Azabu University, 13-14, Nov, 2010 (**in Japanese**)
7. Kimura, M., Sakuraba, Y., Ichino, E., Shimada, K., Suzuki, K., Hirosawa, M., Suzuki, N., Nakayama, T., Kondo, Y., Yamamoto, K., Takakura, K., Hara, M., **Adachi, I.** Assessment of use of the 3d structure by Chimpanzees in Higashiyama zoo. *Annual meeting of SAGA "Support for African / Asian Great Apes"*, Kanagawa, Azabu University, 13-14, Nov, 2010 (**in Japanese**)
8. Suzuki, K., Ichino, E., Kimura, M., Shimada, K., Sakuraba, Y., Hirosawa, M., Nakayama, T., Kondo, Y., Yamamoto, K., Takakura, K., Hara, M., **Adachi, I.** Exhibition of Chimpanzee intelligence in the zoo and its impact on the visitors. *Annual meeting of SAGA "Support for African / Asian Great Apes"*, Kanagawa, Azabu University, 13-14, Nov, 2010 (**in Japanese**)
9. Sakuraba, Y., Ichino, E., Kimura, M., Shimada, K., Suzuki, K., Hirosawa, M., Matsumura, S., **Adachi, I.** Effect of their environmental changes on behaviors of chimpanzees in Higashiyama zoos -Spatial vs Social-. *Annual meeting of SAGA "Support for African / Asian Great Apes"*, Kanagawa, Azabu University, 13-14, Nov, 2010 (**in Japanese**)
10. **Adachi, I.**, Ludwig, V., Matsuzawa, T. Direct comparison between humans and chimpanzees for their pitch-luminance mapping. *The 15th Kyoto University International Symposium: Biodiversity, Zoos and Aquarium "The message from animals"*, Nagoya port, 19-20, Sep, 2010
11. **Adachi, I.**, Hampton RR. Cross-modal representations of familiar conspecifics in rhesus monkeys. *Primate Research Institute, Kyoto University, Symposium of Cooperative Research Program 2009: 5th International Inuyama Comparative Social Cognition Symposium (iCS2:5)*, Inuyama, Aichi, 19-20, Dec, 2009
12. Hirosawa, M., Suzuki, N., **Adachi, I.** The change of power in a chimpanzee: The investigation of relations between individuals. *Primate Research Institute, Kyoto University, Symposium of Cooperative Research*

Program 2009: 5th International Inuyama Comparative Social Cognition Symposium (iCS2:5), Inuyama, Aichi, 19-20 Dec, 2009

13. Shirai, N., Imura, T., Hattori, Y., **Adachi, I.**, Ichihara, S., Kanazawa, S., Yamaguchi, M. K., Tomonaga, M. Asymmetric perception of radial expansion/contraction in Japanese macaque (*Macaca fuscata*) infants. *Primate Research Institute, Kyoto University, Symposium of Cooperative Research Program 2009: 5th International Inuyama Comparative Social Cognition Symposium (iCS2:5)*, Inuyama, Aichi, 19-20 December 2009
14. **Adachi, I.**, Hirosawa, M., Suzuki, N., Nakayama, T., Matsuzawa, T. Exhibition of chimpanzee intelligence in the zoo. Annual meeting of SAGA "Support for African / Asian Great Apes", Fukuoka, Kita-Kyusyu University, 14-15, Nov, 2009 **(in Japanese)**
15. Hirosawa, M., Suzuki, N., Nakayama, T., Takakura, K., Ando, K., **Adachi, I.** Changes in relationships among individuals during alpha male switch. Annual meeting of SAGA "Support for African / Asian Great Apes", Fukuoka, Kita-Kyusyu University, 14-15, Nov, 2009 **(in Japanese)**
16. Suzuki, N., Hirosawa, M., Nakayama, T., **Adachi, I.** Use of the 3d structure by chimpanzees in Higashiyama zoo. Annual meeting of SAGA "Support for African / Asian Great Apes", Fukuoka, Kita-Kyusyu University, 14-15, Nov, 2009 **(in Japanese)**
17. **Adachi, I.**, Hampton, RR. Cross-modal representations of familiar conspecifics in rhesus monkeys, *ESF-JSPS Frontier Science Conference Series for Young Researchers*, Hotel Villa del Mare, Acquafredda di Maratea Italy, 27 February - 4 March, 2009
18. **Adachi, I.**, Chou, D., Hampton, RR. How rhesus monkeys perceive conspecifics faces: Analysis of Thatcher effect. *The 72th annual conference on Japanese Psychological Association*, Hokkaido Univ., September, 2008. **(in Japanese)**
19. **Adachi, I.**, Hampton, RR. Rhesus monkeys have cross-modal representations of familiar conspecifics. *The 68th annual conference on Japanese Society for Animal Psychology*, Tokiwa Univ., September, 2008. **(in Japanese)**
20. **Adachi, I.**, Hampton, RR. Cross-modal representations of familiar conspecifics in rhesus monkeys. *Annual International Conference on Comparative Cognition*, Florida, 19-23, March, 2008.
21. **Adachi, I.**, Hampton, RR. Individual recognition of conspecifics in videos by rhesus macaques (*Macaca mulatta*). *Annual International Conference on Comparative Cognition*, Florida, March, 2007.
22. **Adachi, I.**, Suzuki, W., Basile, MB., Paxton, R., Hampton, RR. Assessment of social dominance concept formation using videos of artificial social interactions in rhesus macaque monkeys (*Macaca mulatta*). *Annual International Conference on Comparative Cognition*, Florida, March, 2007.
23. **Adachi, I.**, Hampton RR. Assessment of mnemonic processes underlying individual recognition in rhesus macaque monkeys. *Society for Neuroscience*, Atlanta, Oct, 2006.
24. **Adachi, I.**, Fujita, K. Social categories in infant macaques. *International Workshop for Young Psychologists "Evolution and Development of Cognition" by 21st Century COE Program*, Kyoto University, Kyoto, October, 2005.
25. **Adachi, I.**, Fujita, K., Tomonaga, M., Matsuzawa, T. Cross-modal representations in Japanese macaques. *The*

65th annual conference on Japanese Society for Animal Psychology, Chiba Univ., October, 2005. (in Japanese)

26. Watanabe, S., Adachi, I., Fujita, K. How do pigeons recognize the length of a line in a frame?: Absolute vs. relative judgments. *International Workshop for Young Psychologists "Evolution and Development of Cognition" by 21st Century COE Program*, Kyoto University, Kyoto, October, 2005.
27. Morimoto, Y., Adachi, I., Fujita, K. Can Capuchin monkeys predict other's emotional expressions? *International Workshop for Young Psychologists "Evolution and Development of Cognition" by 21st Century COE Program*, Kyoto University, Kyoto, October, 2005
28. Adachi, I., Fujita, K. Cross-modal representation of human caretakers in horses. *The 69th annual conference on Japanese Society for Animal Psychology*, Osaka Chuo Koukaido, September, 2005. (in Japanese)
29. Adachi, I., Kuwahata, H., Fujita, K., Tomonaga, M., Matsuzawa, T. Japanese macaques form a multi-modal representation of species in their first year of life. *PRI Cooperative Research Workshop "Gaze, Joint Attention, and Theory of Mind"*, Inuyama, August, 2005.
30. Miyata, H., Ushitani, T., Adachi, I., Fujita, K. Mental rehearsal ability in pigeons (*Columba livia*) assessed by a maze task. *The 2nd International Workshop for Young Psychologists on Evolution and Development of Cognition by 21st Century COE Program*, Kyoto, November, 2004.
31. Ayumi, S., Ushitani, T., Adachi, I., Fujita, K. Pictorial depth perception in squirrel monkeys (*Saimiri sciureus*): The effect of texture gradient cues on size discrimination. *The 2nd International Workshop for Young Psychologists on Evolution and Development of Cognition by 21st Century COE Program*, Kyoto, November, 2004.
32. Adachi, I., Kuerbisch, K., Huber, L., Fujita, K. Multi-modal representation of human individuals in common marmoset. *The 68th annual conference on Japanese Psychological Association*, Kansai Univ., September, 2004. (in Japanese)
33. Adachi, I., Kuwahata, H., Fujita, K. Dogs recall owner's face upon hearing owner's voice. *International Symposium by 21st Century COE Program for Kyoto Univ Psychology Union "Diversity of Cognition: Evolution, Development, Domestication, and Pathology"*, Shiran Kaikan, Kyoto, September, 2003.
34. Kuroshima, H., Fujita, K., Adachi, I., Iwata, K., Fuyuki, A. A capuchin monkey (*Cebus apella*) recognize when people do and do not know the location of food. *International Symposium by 21st Century COP Program for Kyoto Univ Psychology Union "Diversity of Cognition: Evolution, Development, Domestication, and Pathology"*, Shiran Kaikan, Kyoto, September, 2003.
35. Adachi, I., Kuwahata, H., Fujita, K., Ishikawa, S., Tomonaga, M., Kato, Y., Kamanaka, Y., Shimizu, K., Matsuzawa, T. Infant macaque monkeys recognize biological motion of species that they have a lot of visual experience of. *The 67th annual conference on Japanese Psychological Association*, Tokyo Univ., September, 2003. (in Japanese)
36. Adachi, I., Kuwahata, H., Fujita, K. Dogs recall owner's face upon hearing owner's voice. *International Workshop for Young Psychologists "Evolution and Development of Cognition" by 21st Century COE Program*, Kyoto University, Kyoto, July, 2003.

37. Kuwahata, H., **Adachi, I.**, Fujita, K., Tomonaga, M., Matsuzawa, T. Development of schematic face preference in macaque monkeys. *International Workshop for Young Psychologists "Evolution and Development of Cognition" by 21st Century COE Program*, Kyoto University, Kyoto, July, 2003.
38. **Adachi, I.**, Kuwahata, H., Ishikawa, S., Fujita, K. Visual perception of point-light biological motion displays in infant macaques: effects of their age and home environment. *The joint international symposium of COE2/SAGA5 in 2002*, November, 2002.
39. Kuwahata, H., Fujita, K., Tomonaga, M., **Adachi, I.**, Ishikawa, S., Myowa-Yamakoshi, M., Tanaka, M., Matsuzawa, T. Development of schematic face recognition by chimpanzees and macaque monkeys: Effects of whole and parts of faces. *The joint international symposium of COE2/SAGA5 in 2002*, November, 2002
40. **Adachi, I.**, Kuwahata, H., Fujita, K. Recognition of the owner in dogs. *The 66th annual conference on Japanese Psychological Association*, Hiroshima Univ., September, 2002. **(in Japanese)**
41. Kuwahata, H., **Adachi, I.**, Fujita, K., Tomonaga, M., Kato, K., Matsumayashi, N., Kamanaka, Y., Matsuzawa, T. Development of schematic face preference in infant macaque monkeys(3). *The 66th annual conference on Japanese Psychological Association*, Hiroshima Univ., September, 2002. **(in Japanese)**
42. Kuwahata, H., **Adachi, I.**, Fujita, K. Recognition of familiar human individuals in New world monkeys. *The 62nd annual conference on Japanese Society for Animal Psychology*, Doushisya Univ., August, 2002. **(in Japanese)**
43. **Adachi, I.**, Fujita, K. How do pigeons categorize photos of human faces and non-faces? *The 2nd International Symposium on Comparative Cognitive Science*, Kyoto and Inuyama, February, 2002.
44. Kuroshima, H., Fujita, K., **Adachi, I.**, Iwata, K., Fuyuki, A. Tufted capuchin monkeys (*Cebus apella*) understand the relationship between seeing and knowing. *The 2nd International Symposium on Comparative Cognitive Science*, Kyoto and Inuyama, February, 2002.

TECHNICAL SKILLS

Computer Language Programming (Visual Basic & Presentation)

Eye-tracking systems

Statistics (SPSS)

Multi-Media Editing: Video (Adobe Premiere Pro, Ulead Media Studio), Picture (Adobe Photoshop CS), and Audio (Audacity)

MEDIA COVERAGE

ScienceNOW, January 4, 2007, Fido Can Place Your Face

Profil, October 30, 2006, Das Experiment der Gesichtserkennung (**in German**)

AAAS EurekAlert, July 25, 2009, Rhesus monkeys discriminate faces much as humans do

http://www.eurekalert.org/pub_releases/2009-06/cp-rmd061809.php

Nature 「Research Highlights」 (vol. 460, pp. 154) : Picture imperfect?

AD HOC REVIEWER

Journals

Behavioural Brain Research / Behavioural Processes / Cognition / Folia Primatologica / Interaction Studies / Journal of Comparative Psychology / Journal of Ethology/ PLoS ONE / Proceedings of the Royal Society B / The Japanese Society for Animal Psychology

Grants

The Fund for Scientific Research (FNRS)

PROFESSIONAL SOCIETIES

The Association for the Scientific Study of Consciousness

The Japanese Psychological Association

The Japanese Society for Animal Psychology

Cognitive Science Society

Comparative Cognition Society

Primate Society of Japan

Society for Neuroscience

REFERENCES

Dr. Tetsuro Matsuzawa

Professor, Kyoto University

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Dr. Robert R Hampton

Associate Professor, Emory University

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Emory University Psychology Department, 532 Kilgo Circle Atlanta GA 30322

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