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Born January 23, 1973

Career

2006-present **Associate Professor**

Principles of Informatics Research Division, National Institute of Informatics, Tokyo, Japan. /
Department of Informatics, School of Multidisciplinary Sciences, The Graduate University for Advanced Studies,
Kanagawa, Japan.

2003-2006 **Lecturer**

Dept. of Mechano-Informatics, Graduate School of Information Science and Technology, The University of Tokyo,
Tokyo, Japan.

2000-2003 **Postdoctoral researcher**

Japan Science and Technology Corporation, Saitama, Japan /
Dept. of Mechano-Informatics, Graduate School of Information Science and Technology, The University of Tokyo,
Tokyo, Japan.

Honors

- . The Japanese Society for Artificial Intelligence Annual Conference Award, 2006
- . Funai Information Science Encouraging Award, 2003.
- . The Japanese Society for Artificial Intelligence Annual Conference Award, 2002

Activities / Competence

- . Member of Program Committee: Int'l Conf. on Intelligent Robots and Systems, 2006.
- . Member of Program Committee: The 9th Int'l Conf. on Autonomous Intelligent Systems, 2006.
- . Member of Editorial Boards: Advanced Robotics (Journal of Robotics Society of Japan)
- . Reviewer of journals (e.g. International Journal of Humanoid Robots, IEEE Trans. on Robotics, Journal of Robotics and Autonomous Systems, IEEE Trans. on Robotics & Automation, Advanced Robotics, Journal of Robotics and Mechatronics)

Most Important Relevant Publications (Selected):

- [1] T.Inamura, Kei Okada, M.Inaba and H.Inoue: "HRP-2W: A Humanoid Platform for Research on Support Behavior in Daily life Environments," Proc. of 9th International Conference on Intelligent Autonomous Systems, pp.732--739, 2006.
- [2] T.Inamura, M.Inaba and H.Inoue: "A Dialogue Control Model based on Ambiguity Evaluation of Users' Instructions and Stochastic Representation of Experiences," J. of Robotics and Mechatronics, Vol.17, No.6, pp.697--704, 2005.
- [3] T.Inamura, N.Kojo, T.Sonoda, K.Sakamoto, K.Okada and M.Inaba: "Intent Imitation using Wearable Motion Capturing System with On-line Teaching of Task Attention," IEEE-RAS Int'l Conf. on Humanoid Robots, pp.469--474, 2005.
- [4] T.Inamura, Y.Nakamura and I.Toshima. "Embodied Symbol Emergence based on Mimesis Theory", Int'l J. of Robotics Research, Vol.23, No.4, pp.363--377, 2004.
- [5] T.Inamura, M.Inaba and H.Inoue. "PEXIS : Probabilistic Experience, Representation Based Adaptive Interaction System for Personal Robots," Systems and Computers in Japan, Vol.35, No.6, pp.98--109, 2004.
- [6] T.Inamura, M.Inaba and H.Inoue. "Dialogue Control for Task Achievement based on Evaluation of Situational Vagueness and Stochastic Representation of Experiences," In the Proc. of Int'l Conf. on Intelligent Robots and Systems, pp.2861--2866, 2004.
- [7] T.Inamura, H.Tanie and Y.Nakamura "From Stochastic Motion Generation and Recognition to Geometric Symbol Development and Manipulation". In the Proc. of IEEE-RAS Int'l Conf. on Humanoid Robots, 2003.
- [8] T.Inamura, H.Tanie and Y.Nakamura "Keyframe Extraction and Decompression for Time Series Data based on Continuous Hidden Markov Models". In the Proc. of Int'l Conf. on Intelligent Robots and Systems, pp.1487--1492, 2003.
- [9] T.Inamura, I.Toshima and Y.Nakamura: "Acquiring Motion Elements for Bidirectional Computation of Motion Recognition and Generation," Experimental Robotics VIII (B. Siciliano and P. Dario Eds), Springer, pp. 357--366, 2002.
- [10] T.Inamura, K.Naka, M.Inaba, and H.Inoue: "Human-Centered Adaptive Mobile Robot based on On-line Dialogue and Stochastic Experience Representation," Intelligent Autonomous Vehicles (Asama & Inoue Eds), Elsevier Science, 2002.