Osaka-UCSD Workshop 2011

John Muir Room, Price Center East, UC San Diego
March 15-16, 2011

Tuesday, March 15	
09:00-09:10	Opening
09:10-10:40	**Humanoid, Android and Human-like media** Hiroshi Ishiguro, *Grad. School of Engineering Science, Osaka University and ATR* **Brain Solution for Inverse Dynamic** Terrence J. Sejnowski, *Computational Neurobiology Laboratory, Salk Institute* **The role of prefrontal cortex in working memory** Takashi Ikeda, *Grad. School of Human Sciences, Osaka University*
10:40-11:00	Break
11:00-12:30	**Motor development of musculoskeletal infant robot** Kenichi Narioka, *Grad. School of Information Science and Technology, Osaka University* **TBA** Gedeon O. Deák, *Department of Cognitive Science, UC San Diego* **Learning to communicate: Can robotics approaches offer new insight into infant development?** Yukie Nagai, *Grad. School of Engineering, Osaka University*
12:30-13:30	Lunch
13:30-14:30	**Human brain-machine interface (BMI)** Toshiki Yoshimine, *Grad. School of Medicine, Osaka University* **Recent advances in neurophysiology, neurotechnolgy and computational approaches for Passive Brain-machine Interface** Tzyy-Ping Jung, *Institute for Neural Computation, UC San Diego*
14:30-15:00	Break
15:00-18:00	**Lab tour at UCSD and Salk Institute**

Wednesday, March 16	
09:30-10:30	**Optimal Control Approaches to the Analysis and Synthesis of Behavior** Javier R. Movellan, *Institute for Neural Computation, UC San Diego* **Psychological evaluation to humanoid robots** Hiroko Kamide, *Grad. School of Engineering Science, Osaka University*
10:30-11:00	Break
11:00-13:00	**Closed discussion on new research themes**
13:00-13:10	Closing

Acknowledgement:

Temporal Dynamics of Learning Center
An NSF Science of Learning Center

TDLC is an National Science Foundation funded Science of Learning Center. Its purpose is to understand how the element of time and timing is critical for learning and to apply this understanding to improve educational practice.