## Hayashibe-Zhu/Owaki Lab. **Robot Systems**, Neuro-Robotics



## Neuroscience for Robotics, Robotics for Neuroscience

Recent era is referred as the century of robots and AI. However, especially in terms of adaptive interaction with the real-world environment, there are still many things we should learn from human advanced motion control and sensory functions. In this lab, we investigate toward a deep understanding of human environmental adaptation, with the approach of both engineering and brain science. Therefore, we study on motor control and learning mechanism at a level that can be explained by brain science with robotics technology. We work on Neurorobotics: neuroscience for robotics and robotics for neuroscience. We also aim for neurorehabilitation inspired by Neurorobotics.



Leap motion





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