Special Issue

Embodied AI: From Robots to Smart Objects

Message from the Guest Editor

The research field of Embodied AI put the physical entity of our body in the middle of the research subject to gain further insights into intelligence, and explore how our brain and ourselves as a whole develop through physical interactions with the real world. In the age of Artificial Intelligence and Machine Learning, the research of embodied intelligence is still highly important, and delivering even more valuable input to extend the impact of conventional AI technology in the near future. For this reason, this special issue aims to bring together researches from the fields of computer vision, language, graphics, and robotics to share and discuss the current state of AI that can:

- **See**: perceive their environment through vision or other senses.
- **Talk**: hold a natural language dialog grounded in their environment.
- **Listen**: understand and react to audio input anywhere in a scene.
- **Act**: navigate and interact with their environment to accomplish goals.
- **Reason**: consider and plan for the long-term consequences of their actions.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2024)

Robotics

MDPI

About the Journal

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.
It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

Editor-in-Chief

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