Co-evolution of human, AI and robot technology

Development through interaction

The development of AI robots will initially be human-led technology development and machine learning; AI and robotic technologies will interact and develop, and eventually AI robots will learn, act, and repair themselves; by 2050, humans and AI robots will be inspired by each other to look to the future and become partners in carving out a new way of life.

New discoveries are made by humans through taking inspiration from AI robots.

AI robots work autonomously in extreme environments.

The spread of robots, which can learn and act on their own and live in harmony with humans, advance human creative activities.
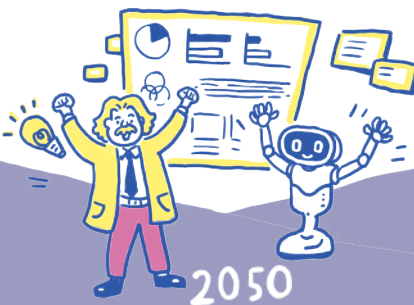
AI robots identify the target, gather related data and make deductive decisions on their own.

AI robots gain the ability to repair themselves, correct their own errors through experience and improve their capabilities.

Automation of experiments by AI robots.

AI robots identify research themes and examine with humans collaboratively.

Development of machine learning.

Development of robotics technologies.

2050