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Front-line Researchers

- ▶ Junji Watanabe, Distinguished Researcher, NTT Communication Science Laboratories

Feature Articles

Creating New Services with corevo®—NTT Group's Artificial Intelligence Technology

- ▶ Creation of Artificial Intelligence Services through Open Innovation
- ▶ Image Recognition Based Digital Watermarking Technology for Item Retrieval in Convenience Stores
- ▶ Natural Language Processing Technology for Agent Services
- ▶ COTOHA™: Artificial Intelligence that Creates the Future by Actualizing Natural Japanese Conversation
- ▶ Anomaly Detection Technique in Sound to Detect Faulty Equipment
- ▶ Spatio-temporal Activity Recognition Technology to Achieve Proactive Navigation
- ▶ Predicting Patients' Treatment Behavior by Medical Data Analysis Using Machine Learning Technique

Regular Articles

- ▶ Polarization Switch of Carbon Nanotubes

Global Standardization Activities

- ▶ Trends in Web-based Signage Standardization

Practical Field Information about Telecommunication Technologies

- ▶ Metallic Cable Fault Location Search Technology

Front-line Researchers

Junji Watanabe, Distinguished Researcher, NTT Communication Science Laboratories

▼Overview

The ability to convey human sensory information via vibrations on a smartphone—a device now used by about 65% of the Japanese population—would no doubt lead to a whole new style of communication. Distinguished Researcher Junji Watanabe of NTT Communication Science Laboratories is researching the relationship between the human senses and the environment. We asked him about the essence of his current research and his approach as a researcher.



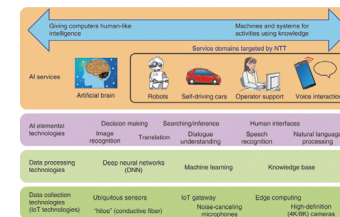
Feature Articles

Creating New Services with corevo®—NTT Group's Artificial Intelligence Technology

Creation of Artificial Intelligence Services through Open Innovation

▼Abstract

Amid growing expectations of service creation using artificial intelligence (AI), the NTT Group has announced the adoption of corevo® as a unified brand name encompassing the AI technologies born out of its research and development (R&D) efforts and the initiatives applying those technologies. The NTT Group aims to create new value using corevo in collaboration with a variety of partners. This article introduces the directions in R&D to drive the evolution of elemental AI technologies making up corevo and outlines NTT Group initiatives toward the creation of AI services through open innovation.



Regular Articles

Polarization Switch of Carbon Nanotubes

▼Abstract

Polarized light is used in liquid crystal display televisions and other products and is therefore familiar in our daily lives. It is also closely related to optical communications. In this article, we explain a theoretical prediction that a polarizer composed of carbon nanotubes exhibits a novel phenomenon of switching between two polarization components.

