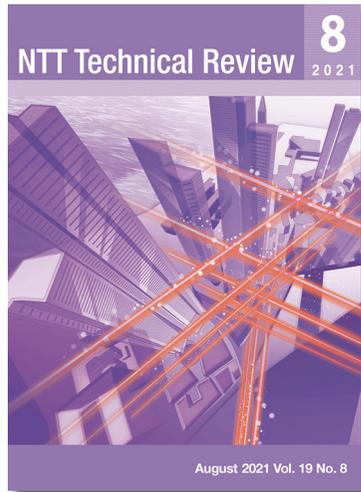


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View from the Top

- ▶ Shinya Tachimoto, Senior Vice President, Head of NTT Information Network Laboratory Group

Front-line Researchers

- ▶ Kunio Kashino, Senior Distinguished Researcher, NTT Communication Science Laboratories and Bio-Medical Informatics Research Center, NTT Basic Research Laboratories

Feature Articles

Initiatives for Smart Agri—Making Japanese Agriculture a Growing Industry

- ▶ NTT's Vision for the Future of Agriculture—Initiatives for the Entire Food Value Chain Using IOWN-related Technologies
- ▶ Future-oriented Agriculture—Strawberry Plant Factory Based on Regional Collaboration
- ▶ Local Food Waste Recycling Solutions for Addressing the Sustainable Development Goals
- ▶ “Fisheries +d” : NTT DOCOMO's Solution Co-creation for the Fisheries Industry
- ▶ High-quality, High-yield Organic Farming with BLOFware®.Doctor

Regular Articles

- ▶ Multi-radio Proactive Control Technology (Cradio®): A Natural Communication Environment where Users Do Not Need to Be Aware of the Wireless Network
- ▶ Local Light Injection and Detection Technology for Optical-fiber Identification

Global Standardization Activities

- ▶ Standardization Trends in the Disaggregation Technology of Access Systems at the Broadband Forum

Practical Field Information about Telecommunication Technologies

- ▶ Grounding-system Evaluator for Preventing Lightning Damage to Telecommunications Center Buildings

View from the Top

Shinya Tachimoto, Senior Vice President, Head of NTT Information Network Laboratory Group

▼ Overview

The NTT Information Network Laboratory Group aims to create a compassionate and flexible information-network infrastructure that connects everything. Researchers at the laboratory group are working diligently with pride, joy, and responsibility in creating technologies that will be implemented in society. We asked Shinya Tachimoto, senior vice president, head of the NTT Information Network Laboratory Group, about the capability required of top management of laboratories and the skills researchers should have in regard to research and development.



Front-line Researchers

Kunio Kashino, Senior Distinguished Researcher, NTT Communication Science Laboratories and Bio-Medical Informatics Research Center, NTT Basic Research Laboratories

▼ Overview

Auscultation (auditory diagnosis) has been used for centuries in the fields of health screening and medical care. It has the advantage of being repeatable and non-invasive while providing immediate results; however, because it is conducted in close proximity to the patient, it is challenging to perform on patients suspected of carrying infectious diseases. We interviewed Kunio Kashino, a senior distinguished researcher, who is working on *teleauscultation* with an eye toward addressing the above challenge and the future of health management, about the progress of his research activities and his attitude as a researcher.



Feature Articles

Initiatives for Smart Agri—Making Japanese Agriculture a Growing Industry

NTT's Vision for the Future of Agriculture—Initiatives for the Entire Food Value Chain Using IOWN-related Technologies

▼ Abstract

Since 2014, NTT has positioned agriculture as one of its priorities. By using the latest information and communication technology and collaborating with industry-leading partners, NTT has carried out group-wide initiatives to promote Smart Agri to solve problems in the entire food value chain, i.e., from production to distribution, sales, and consumption, in primary industries, such as agriculture, forestry, and fisheries. This article overviews the NTT Group's initiatives and describes the latest examples of initiatives that will lead to the digital agricultural revolution.

