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## View from the Top

### Seizo Onoe, Executive Vice President and Chief Technology Officer, NTT DOCOMO

#### ▼Overview

NTT DOCOMO is the source of much innovative technology in the mobile industry, and with 2020 in view, it has already set in motion the research and development of 5G, the fifth-generation mobile communications system. We asked Seizo Onoe, NTT DOCOMO Executive Vice President and Chief Technology Officer, how the company is surviving the highly competitive environment and what it aims to achieve by making maximum use of the company's strengths.



## Front-line Researchers

### William John Munro, Senior Research Scientist, NTT Basic Research Laboratories

#### ▼Overview

In this issue, we welcome Dr. William J. Munro, the first non-Japanese group leader within NTT laboratories, as our front-line researcher. Bill passionately tells us about quantum physics, which has the potential to bring great change to the world, and its application to the field of information and communications. He also tells us why out of all the research institutes in the world, he decided to join NTT laboratories, and how he approaches research to produce innovative results.



## Feature Articles

### New Generation Network Platform and Attractive Network Services

#### Development towards Building a New Generation Network Platform and Attractive Network Services

#### ▼Abstract

At NTT Network Innovation Laboratories, we are working on developing the network and application technologies for a new generation network and new generation applications. In this article, we briefly describe some of our development activities including software-defined networking and network functions virtualization, a remote collaboration platform, and a distributed data analysis scheme.