



Front-line Researchers

- Hiroaki Gomi, Visiting Senior Distinguished Researcher, Communication Science Laboratories, NTT, Inc.

Rising Researchers

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Global Standardization Activities

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Front-line Researchers

Hiroaki Gomi, Visiting Senior Distinguished Researcher, Communication Science Laboratories, NTT, Inc.

▼ Abstract

How does the brain process information when humans transform sensory input, such as visual information, into bodily movement? Hiroaki Gomi, a visiting senior distinguished researcher at NTT Communication Science Laboratories, is exploring the fundamental mechanisms behind this process through computational model simulations and analyses of animal brain activity. He is also pursuing research and development of haptic-device systems that can help people with visual impairments navigate urban environments safely. In this interview, we asked him about his recent research achievements, his vision for the future, and the insights he has gained from also serving as a university professor.



Rising Researchers

Masanori Nakamura, Distinguished Researcher, Network Innovation Laboratories/Device Innovation Center, NTT, Inc.

▼ Abstract

As Internet data traffic continues to increase, technological advancements are continuously driving the development of communication technologies that are faster and offer higher capacity. However, handling the exponential increase in data traffic—for reasons such as the digitalization of business, growth of cloud services, popularization of remote work, and advancement in artificial intelligence—cannot be achieved overnight, even through continual technological innovation. For this article, we spoke with Distinguished Researcher Masanori Nakamura, a leading figure in ultra-high-speed optical modulation and demodulation technology, which is being researched and developed for handling the current increase in Internet traffic.



Global Standardization Activities

Report on ITU-T TSAG Meeting and ITU-T Industry Engagement Workshop 2026

▼ Abstract

The International Telecommunication Union - Telecommunication Standardization Sector (ITU-T) Telecommunication Standardization Advisory Group (TSAG) meeting was held from January 26 to 30, 2026, in a hybrid format, taking place both at the ITU Headquarters in Geneva, Switzerland, and online. The ITU-T Industry Engagement Workshop (IEW) was also held on March 27, 2026, at the ETSI (European Telecommunications Standards Institute) Headquarters in Sophia Antipolis, France. This report provides an overview of the key discussions and outcomes from both the TSAG meeting and IEW.

