

## Symposium Speaker

Full Name	Sung-uk Rha
Affiliation	NIA
Presentation Title	Deployment of 10G internet and broadband access: Korean Story

## Biography

Sung-uk Rha received the B.S. and M.S. degrees in Information Science from Ajou University, in 1995 and 1997. He completed Ph.D in Information and Communication Engineering from Ajou University, in 2018. He joined National Information Society Agency (NIA) in 2001 and is currently the head of the network team. For 18 years in NIA, he planned national policies such as K-ICT network development strategy and long-term development strategy of broadcasting network. In addition He is in charge of Korea advanced Research Network(KOREN), 10Giga Internet, Communication Service Quality Evaluation and Public Wi-Fi project.

## 200 words abstract

From 2009 to 2017, NIA established a foundation for Giga internet service with the support from the government. As a result, after the commercialization of Giga Internet in 2014, Giga internet coverage accounted for about 98%, in 85 cities all over Korea. As the era of ultra-high-speed and ultra-low latency is coming, realistic media such as AR/VR and holograms are provided, and high-capacity data transmission is becoming popular, traffic to exceed Giga internet service level is expected. In preparation for the changes in the network environment, NIA established the "10Giga Internet Service Activation Plan" in November 2017. In this presentation, we will explain the background of 10Giga Internet Service project, domestic trends, 10Giga internet Strategies and the government's direction encouraging private enterprise to invest through 10Giga Internet Service project and creating a virtuous cycle.