

NICT has exhibited at SC18, Dallas, Texas

NICT ICT Testbed Research and Development Promotion Center has exhibited at SC18, Dallas, Texas, USA.

SC is the international conference and exhibition held in the United States in November every year and marking the thirtieth anniversary this year. It focuses on High Performance Computing, Networking and Storage and Analysis.

With the cooperation of Alaxala Networks and Keio University, we exhibited the interim results of

- i) Reconfigurable Communication Processor(RCP) : Optically interconnected resource pool architecture for future backbone network, and
- ii) US-Japan experiment of Network-Assisted ADV Platform on Edge Computing Service with RCPs, which are partly supported by NICT.

SC is the only exhibition that can utilize high-speed network over 100Gbps in the world. In the past several years, we have been conducting demonstrations in which we set up networks between SC venues in the US and our access points in Japan with 100Gbps circuits.

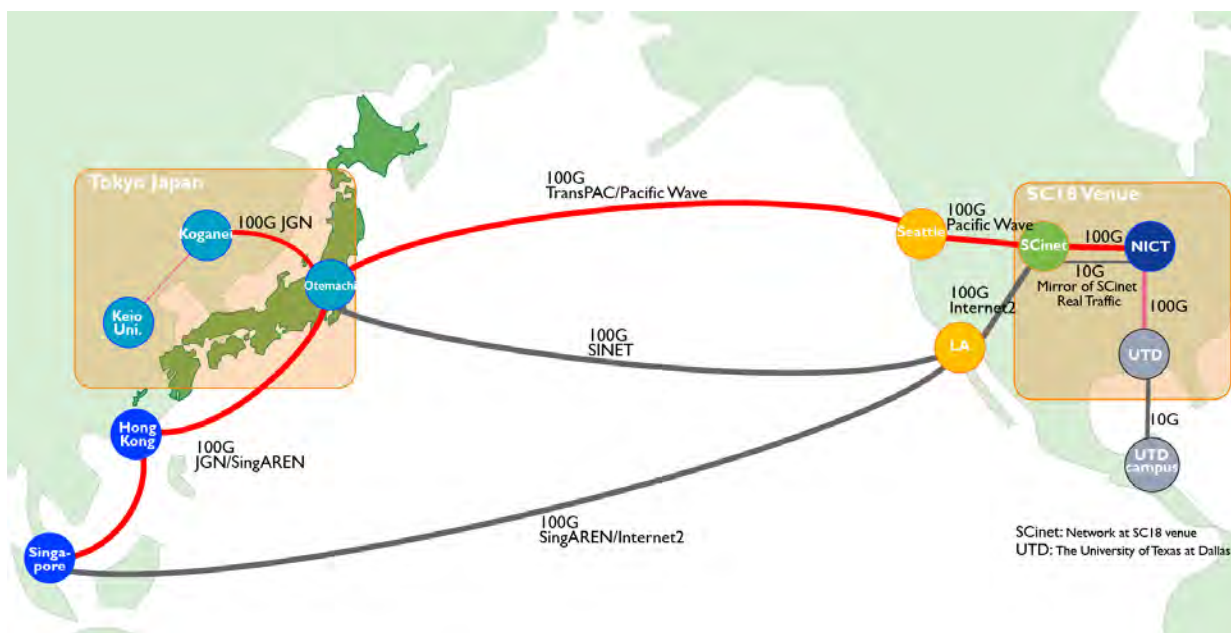
Please see the below for the network configuration for this year's demonstration.

Keio University press release for SC18 exhibition (Japanese only)

<https://www.keio.ac.jp/ja/press-releases/2018/11/6/28-49208/>

*SC18 was held from 11 – 16 November at Kay Bailey Hutchison Convention Center in Dallas, TX.

NICT SC18 Network configuration





SC18 venue: Key Bailey Hutchison Convention Centre



SC18 venue entrance



SC18 exhibits area



NICT booth



NICT posters



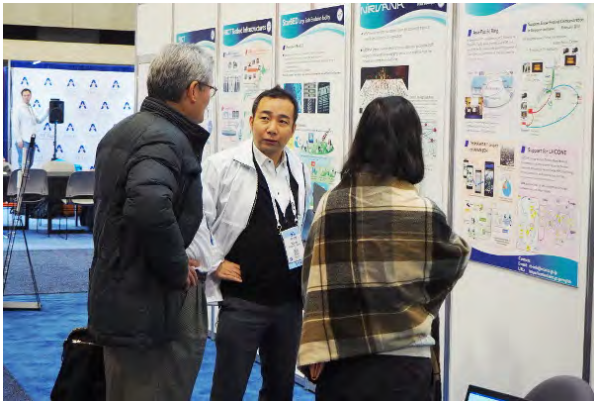
Overview of the demonstrations



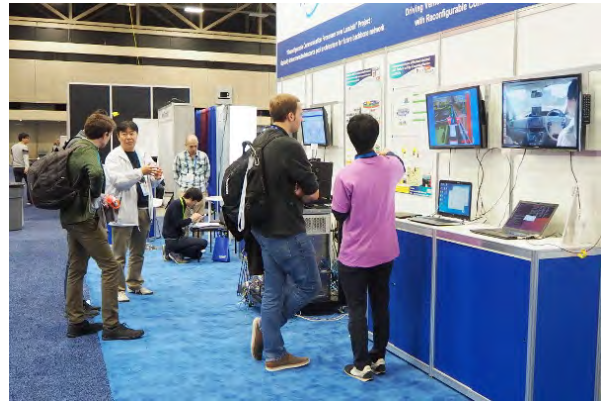
RCP rack for the demonstrations



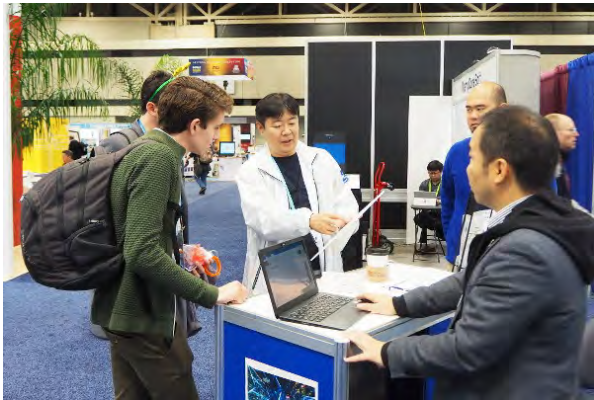
NICT booth at SC18



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SC18 NICT members