



Contribution ID: 39

Type: **Lightning talk**

## **A Two-Tier PV Gateway for Channel Access from J-PARC Office Network to the Accelerator Control Network**

*Tuesday 4 June 2019 14:30 (6 minutes)*

Over the past decade, J-PARC Main Ring have become more sophisticated and more stable operation is required. Along with this, demands arose from experts of equipment and users that acquiring detailed and real-time information on the apparatus from the office LAN. On the other hand, a two-layered firewall quarantines the accelerator control network so that any manipulation of accelerator equipment from the office network shall be prohibited, despite being intentional or not. An one-way gateway system was constructed which allows Channel Access from the office network to accelerator control network through the firewall.

**Author:** Dr YAMADA, Shuei (KEK/J-PARC)

**Presenter:** Dr YAMADA, Shuei (KEK/J-PARC)

**Session Classification:** Thunderstorm

**Track Classification:** Services