

**The title of Akashi's talk:**

Application of port security skills and spanning-tree protocols to the composition of the network users' list recording on the first-come-first-served basis.

The abstract:

It is well known that port security skills have been playing so important roles in the local area networks. Exactly speaking, the roles of port security can be classified into the following: Role 1. Restricting the total members of network users who are allowed to connect the Internet to those who have been chosen by the network administrators. Role 2. Discriminating network users who are allowed to connect to the Internet from other network users who are not allowed to do so. Role 3. making the members' list recording network users having connected to the Internet. Actually, none of the roles which are stated above can show the members' lists which is composed on a first-come-first-served basis. This is the reason why the authors propose the fourth role which port security can be in charge of. More exactly speaking, in this talk, we show that the simultaneous use of port security skills and spanning-tree protocols enable us to compose the members' lists in which all the network users are lined up in order of arrival to the Internet.